

# SAN ELIJO

## JOINT POWERS AUTHORITY



RECOMMENDED ANNUAL BUDGET

2023 - 2024

# SAN ELIJO JOINT POWERS AUTHORITY



Celebrating 58 years of service



Creating lasting water solutions for our communities & environment



Delivering responsible & reliable service



Promoting opportunities for our communities

## Mission

To serve our communities by providing safe and reliable recycled water and wastewater services in order to protect the environment and public health.

## Vision

We pursue innovative practices to produce clean water in an environmentally, socially, and fiscally responsible manner.

*As an organization, the San Elijo Joint Powers Authority values:*

HUMAN VALUE	PUBLIC TRUST	SAFETY	VALUE	LOYALTY
Provide equal opportunity for all employees to succeed and grow professionally and personally.	Honor and promote public confidence through transparency, personal character, and the highest level of professional behavior.	Ensure individual safety and the safety of co-workers and the public, without compromise.	Provide superior service to the community in a safe, reliable, and cost-effective manner.	Faithfully and reliably promote the best interests of the agency and fellow employees.
COURTESY	RESPONSIBILITY	HONESTY & INTEGRITY	COMMUNITY	
Be respectful, considerate, aware, and caring.	Be accountable for one’s conduct and actions.	Be truthful and factual in upholding the values and ethics of the agency.	Demonstrate leadership and stewardship in serving the community and protecting the environment.	

# SAN ELIJO JOINT POWERS AUTHORITY

## RECOMMENDED ANNUAL BUDGET FISCAL YEAR 2023-24

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### BOARD OF DIRECTORS

DAVID ZITO, SOLANA BEACH DEPUTY MAYOR, CHAIRPERSON

TONY KRANZ, ENCINITAS MAYOR, VICE CHAIRPERSON

KRISTI BECKER, SOLANA BEACH COUNCIL MEMBER, MEMBER

KELLIE HINZE, ENCINITAS COUNCIL MEMBER, MEMBER

### MANAGEMENT

MICHAEL T. THORNTON, P.E., GENERAL MANAGER

CHRISTOPHER A. TREES, P.E., DIRECTOR OF OPERATIONS

TOM FALK, P.E., P.M.P., DIRECTOR OF INFRASTRUCTURE & SUSTAINABILITY

AMY CHANG, MSBA, DIRECTOR OF FINANCE/ADMINISTRATION

### MEMBER AGENCIES

CITY OF ENCINITAS

CITY OF SOLANA BEACH

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Cardiff by the Sea, CA 92007

[www.sejpa.org](http://www.sejpa.org)

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# TRANSMITTAL LETTER

Honorable Chairperson and Members of the Board of Directors:

I am pleased to present the Fiscal Year (FY) 2023-24 Recommended Budget for the San Elijo Joint Powers Authority (SEJPA). As we move from navigating the pandemic's challenges to tackling inflation and staffing shortages, our unwavering commitment to providing reliable service and protecting the environment remains steadfast. At the heart of this effort is our team's dedication to fostering a culture of innovation, collaboration, and fiscal responsibility, exemplified by our successful partnerships and recent accomplishments.



**Working Toward a Sustainable Future.** As we strive for a sustainable future, our Recycled Water Program is an essential part of our efforts to provide a drought resistant water supply to communities we serve. In 2022, we produced and delivered a record volume of 620 million gallons. This local water supply is more crucial than ever, especially as California and the southwestern United States face water supply uncertainty due to changing weather patterns.



**Exceptional Water Treatment.** At SEJPA, we are committed to producing exceptional water quality. In 2022, our average removal rate for both Carbonaceous Biochemical Oxygen Demand (CBOD) and Total Suspended Solids (TSS) was an impressive 98.6%. Our performance track record is a testament to our unwavering dedication to protecting the environment and public health. From ensuring air quality standards to sustainable recycled water and stormwater practices, SEJPA upholds its mission to safeguard our precious resources for future generations.



**Achieving Highest Levels of Safety.** At our utility, we take pride in building and leading a safe work environment. We utilize in-person and web-based training, low-frequency/high risk activity reviews, site safety inspections, and other learning formats to increase knowledge and improve safety behaviors. The results have been impressive as our staff has not missed a single work-day due to injury over the last 23 years. Our commitment to safety has earned us formal recognition from the California Sanitation Risk Management Authority (CSRMA) and the California Water Environment Association (CWEA), while also contributing to lower insurance rates and a happy, productive workforce.



**Investing in Our Community and Workforce.** We are committed to preparing the next generation of water leaders through our internship program, which has fostered valuable partnerships with local universities and community colleges. We have hosted 31 interns over the last 3 years and in the current fiscal year (FY 2022-23), we are proud to have filled four positions with interns from this program. Our investment in this program reflects our long-term commitment to promoting excellence and innovation in the water sector, while supporting the growth and development of future water leaders.



**Building Valuable Partnerships.** SEJPA strives to be a model of inter-agency cooperation. Our culture of collaboration improves cost effectiveness, expands innovative practices, and increases the benefits we provide to the region. Currently, the North San Diego Water Reuse Coalition is spearheading a grant effort worth \$18.3 million to promote the expansion of recycled water use in North County. As part of this funding, SEJPA will receive approximately \$3.8 million, specifically aimed at expanding the use of stormwater and recycled water. We are excited to be part of this collaborative effort and look forward to contributing to the region's sustainable water management practices.

The FY 2023-24 budget reflects our continued commitment to these goals and achievements.

## OPERATING BUDGET OVERVIEW

The SEJPA Recommended Budget for FY 2023-24 comprises 12 operational programs that are managed and operated by SEJPA, with Leucadia Wastewater District being the newest addition in November 2022. We continually seek opportunities to improve our services and to apply science, engineering, and technology to maximize value to the communities we serve.

For FY 2023-24, the total increase in Operating Costs year-over-year is \$1,063,178 or 11.9%. Approximately \$835,000 of the increase is to reflect the general cost inflation associated with personnel, utilities, and chemicals. Higher engineering services cost to expand and advance the recycled water program and the addition of clean water services to the 22nd District Agricultural Association also contributed to the year-over-year increase.

Program	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24	Budget Change	% Change
Wastewater Treatment	\$ 2,887,854	\$ 3,067,899	\$ 3,293,892	\$ 3,455,532	\$ 3,963,797	\$ 508,265	14.7%
Laboratory Services	706,179	820,443	899,677	894,520	955,076	60,556	6.8%
Ocean Outfall	655,945	1,212,337	944,041	1,020,349	1,031,231	10,882	1.1%
Cardiff Sanitary Division Pump Stations	318,053	300,543	339,056	355,226	376,169	20,943	5.9%
Encinitas Sanitary Division Pump Station	171,749	142,988	148,206	155,882	167,777	11,895	7.6%
City of Encinitas Urban and Stormwater Services	63,682	47,891	41,401	37,314	55,514	18,200	48.8%
City of Solana Beach Pump Stations	405,161	369,382	424,299	446,437	463,275	16,838	3.8%
City of Solana Beach Generator Maintenance Services	9,425	8,486	13,730	14,884	15,507	623	4.2%
City of Del Mar Pump Station	51,442	49,565	58,410	61,888	66,392	4,504	7.3%
22nd District Agricultural Association (Del Mar Fairgrounds)	-	8,345	139,564	120,000	136,953	16,953	14.1%
Leucadia WWD Technical Support Services <i>New!</i>	-	-	15,200	-	22,800	22,800	-
	\$ 5,269,491	\$ 6,027,880	\$ 6,317,475	\$ 6,562,032	\$ 7,254,491	\$ 692,459	10.6%
Recycled Water	1,981,314	1,892,323	2,330,562	2,349,413	2,720,132	370,719	15.8%
Total Operating Expenses	\$ 7,250,805	\$ 7,920,203	\$ 8,648,037	\$ 8,911,445	\$ 9,974,623	\$ 1,063,178	11.9%

## CAPITAL BUDGET OVERVIEW

The Capital Improvement Program (CIP) is prioritized by regulatory compliance, risk assessment to prevent system failure, environmental protection, and resource recovery. Our philosophy for capital spending is to first identify priority projects, maximize cost effectiveness, minimize community impacts, and streamline project delivery. Over the past 7 years, SEJPA has completed \$38.5 million in capital improvements. Our capital infrastructure priorities for FY 2023-24 include implementation of five multi-year capital improvement projects totaling \$18.3 million, and several smaller capital projects at the Water Campus:

- Commence construction of the Biosolids Dewatering Facility and MS-2 Replacement project, which will replace treatment systems installed in 1991 with modern, more efficient equipment, and upgrade associated chemical storage, electrical system, and building components to meet current industry

standards. Project budget, including capitalized soft costs is \$12.1 million and is expected to have a 24-month construction, completing in Spring of 2025.

- Commence construction of mechanical improvements to the Moonlight Beach Pump Station, which include replacing pumps, motors, valves, and other aging equipment that has reached the end of its service life. The budget is \$2.1 million and is entirely funded by the City of Encinitas.
- Stormwater Capture and Reuse is predominately a grant funded project that will be designed and commence construction in 2023. The project budget is \$2.1 million, of which approximately \$1.4 million is expected to be funded by grants. The project costs, net of grant funding, will be split between the Recycled Water Program and the Wastewater Program, as the project benefits both programs.
- Commence construction on the Wanket Tank, Pipeline, and Recycled Water Valve Replacement Project. The project will convert an existing 3-million-gallon concrete tank to recycled water storage, connecting it to SEJPA's distribution system and providing additional storage to alleviate operational constraints. The project also includes replacement of distribution isolation valves for increased efficiency. With a total budget of \$3.58 million, the project has qualified for approximately \$1.6 million in grant funding.
- Commence design and implementation of the Biological Treatment Improvement Project, which includes upgrading the secondary process to a robust nitrification/denitrification (NDN) process and expanding the recycled water disinfection process to free chlorine. The total budget is \$10.5 million, shared between the Recycled Water and Wastewater Programs, and grant funding is being sought. These upgrades will improve recycled water quality and reduce our environmental impact.
- Commence design and construction of several small capital projects around the Water Campus including safety improvements to the old headworks channel covers, rehabilitation of the dissolved air floatation thickener (DAFT), and addition of biogas treatment.

The capital program will benefit from several large state and federal grants totaling approximately \$5.8 million. To ease cashflow constraints and maintain consistency with SEJPA's reserve policies for the Recycled Water Program, SEJPA will be securing a \$10 million loan that will be repaid through recycled water sales.

## *DEBT SERVICE OVERVIEW*

The budget includes the anticipated new debt issuance of \$10 million, payable from the Recycled Water Fund, with an estimated annual debt service of approximately \$800,000. With this new loan, the FY 2023-24 Debt Service is projected to increase from \$1,587,716 in FY 2022-23 to \$2,394,566. This increase also reflects minor changes in payments to the 2017 Revenue Bonds and Solana Beach and SFID Pipeline loans.

## *A VISION FOR THE FUTURE*

Our goal is to deliver excellent service, build trust with our customers and the community, and maximize opportunities to increase local sustainability, while developing and inspiring our employees. We are grateful for the support of our Board, workforce, and community members, without whom none of our achievements would be possible. Looking ahead, we will continue to prioritize sustainability and explore new ways to advance environmental stewardship and social responsibility in our operations.

Your San Elijo Joint Powers Authority team is pleased to present the Recommended FY 2023-24 Budget.

Respectfully submitted,



Michael T. Thornton, P.E.  
General Manager

**RESOLUTION NO. 2023-XX**

**RESOLUTION APPROVING THE SAN ELIJO JOINT POWERS AUTHORITY  
OPERATING AND CAPITAL IMPROVEMENT BUDGETS  
FOR FISCAL YEAR 2023-24**

WHEREAS, the San Elijo Joint Powers Authority (SEJPA) General Manager has submitted for the consideration of the SEJPA Board of Directors proposed SEJPA Operating and Capital Projects Budgets for Fiscal Year 2023-24;

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE SAN ELIJO JOINT POWERS AUTHORITY HEREBY RESOLVES AS FOLLOWS:

3. The Board of Directors has reviewed the Recommended Operating Budgets and Capital Projects Budget, and the funds included herein for the period of July 1, 2023 through June 30, 2024 and hereby finds that such budgets, as reviewed, are sound plans for the financing of required SEJPA operations and capital improvements during Fiscal Year 2023-24. Such budgets are hereby adopted.

San Elijo JPA Operations and Maintenance Fund	\$ 8,646,054
San Elijo JPA Water Reclamation Operating Fund	8,173,135
San Elijo JPA Capital Projects Fund	<u>2,120,000</u>
Total	<u><u>\$ 18,939,189</u></u>

2. The Board of Directors authorizes carrying forward unexpended capital project appropriations and encumbered operating funds for the Fiscal Year 2023-24.
3. The Board of Directors authorizes the SEJPA Treasurer to deposit any surplus FY 2023-24 budgeted funds, meaning appropriated funds that are not expended or otherwise encumbered by June 30, 2024, into the SEJPA PARS Public Agencies Post-Employments Benefits Trust Program.

PASSED AND ADOPTED this 20<sup>th</sup> day of June, 2023, by the following vote:

AYES: Board members:

NOES: Board members:

ABSENT: Board members:

ABSTAIN: Board members:

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David Zito, Chairperson  
SEJPA Board of Directors

ATTEST:

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Michael T. Thornton, P.E.  
Secretary of the Board





## BUILDING FOR THE FUTURE

In October 2021, SEJPA completed \$20.6 million in community-focused upgrades to the San Elijo Water Campus. This two-year construction project aimed to modernize facilities and increase resilience in the face of climate change. The centerpiece of the program is a new, two-story administrative and operations center that replaces the original facility built 50 years ago. The new center offers educational opportunities and space for water research, reflecting SEJPA's commitment to promoting excellence and innovation in the water sector.

The Water Campus upgrades also include a range of public amenities, such as free overflow parking for the nearby San Elijo Lagoon Nature Center, pedestrian safety improvements, electric vehicle charging stations, and a bike/pedestrian path built in partnership with Caltrans. The path connects Birmingham Drive to Manchester Avenue and ends in a park-like setting at the front of the new Water Campus facilities.

The improvement project also prioritized sustainability, including new facilities for stormwater capture, the permanent preservation of sensitive open space, and the installation of a \$2 million solar system that can meet up to 25% of the facility's electrical demand. These investments in sustainability and resilience reflect the need for adaptability in the face of climate change.

The Water Campus has evolved significantly since the mid-1960s, when it was primarily a wastewater treatment facility. Today, it treats and recycles wastewater and stormwater, conducts research in collaboration with local universities, and provides educational and apprenticeship opportunities to schools and colleges. The campus upgrades reflect SEJPA's ongoing commitment to sustainable water management and its leadership in the face of evolving environmental challenges.





## LOOKING BACK

Up to the early 1950s, Solana Beach and Cardiff-by-the-Sea relied on privately-owned septic systems for wastewater treatment and disposal. As the communities grew, the Cardiff Sanitation District and the Solana Beach Sanitation District formed to collect, treat and dispose of wastewater. The districts built independent facilities in the San Elijo Lagoon to provide basic treatment before discharging the effluent directly into the lagoon. Within a decade, authorities determined that water quality in the lagoon was deteriorating, and that treatment needed to improve. In 1963, Cardiff Sanitation District and Solana Beach Sanitation District joined hands to form what is now the San Elijo Joint Powers Authority. Established under state law to protect public health and the environment, in 1965 the newly-formed entity built the San Elijo water pollution control facility and a 4,000-foot-long ocean outfall.

Since then, SEJPA has evolved, adding ocean disposal services to the City of Escondido (1974) and increasing the outfall length to 1.5 miles offshore, building new treatment (1991) to comply with the Clean Water Act, constructing water recycling infrastructure (2000), adding microfiltration and reverse osmosis treatment (2013) to enhance recycled water quality, providing wastewater treatment to the City of Del Mar (2017), adding clean water services for 22nd District Agricultural Association (Del Mar Fairgrounds) (2022), and the newly added Leucadia Wastewater District Technical Support Services in November 2022.

The San Elijo Joint Powers Authority has come a long way in its service to the local communities and its mission to protect the water environment through a host of clean water programs. Today, our focus is cost-effective, highly-efficient water treatment and recycling to produce a sustainable water supply for decades to come.

### SHARING OUR WATER STORY

We love to share our story. During Water Campus tours, students and teachers see the treatment process for wastewater and water recycling. In a typical year, we welcome more than 900 local students and teachers to the campus. To accommodate distance-learning, we produced a virtual tour to expand our water education outreach.





## INDUSTRY LEADERSHIP

In 2023, the "Autonomous Underwater Vehicle (AUV) Plume Transport Assessments of the San Elijo and Encina Ocean Outfalls" project was awarded the 2023 APWA Project of the Year by the American Public Works Association (APWA). This project, which utilized state-of-the-art technology to assess the plume transport from wastewater outfalls, is a testament to our commitment to environmental stewardship and multi-agency partnerships. The project was also recognized by the American Society of Civil Engineers (ASCE) as the winner of the "Outstanding Environmental Engineering Project" category, showcasing how innovative engineering projects can make a significant difference in the San Diego community.

## CELEBRATING ACCOMPLISHMENTS

We are proud to support the professional development of [our](#) employees. Recent accomplishments include:

### CERTIFICATIONS

**Devin McGinness**

Wastewater Treatment Plant Operator Grade 2

**Daniel Verdon**

CWEA Laboratory Grade 2

**Frankie Abeyta**

Wastewater Treatment Plant Operator Grade 3

**Octavio Navarrete**

Operator In Training (OIT) 1

**Ritwik Bandyopadhyay**

Operator In Training (OIT) 1





# FUND SUMMARY

Wastewater Services fund supports operating and debt services expenses in the Wastewater Treatment, Laboratory Services, Ocean Outfall, Pump Station Operations, and other services programs. Capital expenses for these programs are accounted for under the Wastewater Capital Projects fund.

Wastewater Capital Projects fund supports pay-as-you go projects for all projects under Wastewater Services programs. FY 2023-24 capital revenue budget of \$2,120,000 includes \$1,225,000 for Wastewater Treatment projects, \$100,000 for Ocean Outfall Reserves, \$600,000 for Moonlight Beach Pump Station rehabilitation, \$120,000 for Laboratory Remodel, and 75,000 Olivenhain Pump Station improvement. Refer to the Capital Programs section for details. Transfer-out is for the reimbursement of the Recycled Water Program for its share of the NDN conversion and stormwater capture and reuse across the Water Campus through four annual installments of \$875,000 per year, totaling \$3.5 million, starting in FY 2023-24.

Recycled Water Services & Capital Project fund supports operating, capital, and debt services expenses in the Recycled Water program. FY 2023-24 capital budget includes \$4,277,000 improvements to treatment system enhancements, valve maintenance and replacements, refurbishment of existing storage tanks or the construction of new storage, replacing existing distribution system pumps and motors, stormwater recycling, and ongoing system asset management. The \$10 million debt revenue is the anticipated private placement loan for the above-mentioned projects to smooth cashflow requirements.

PARS Trust fund accounts for irrevocable Section 115 Trust acting as a pension rate stabilization program to prefund employee benefit plan obligations. The FY 2023-24 Recommended Budget includes \$37,000 for PARS Trust for pension management, which is estimated to increase the PARS Trust balance to \$611,737.

	Wastewater Services	Wastewater Capital Projects	Recycled Water Service & Capital Projects	PARS Trust	Total
<b>Revenues</b>					
Operating	\$ 7,168,958	\$ -	\$ 3,603,713	\$ -	\$ 10,772,671
Capital	-	2,120,000	1,200,000	-	3,320,000
Debt	1,391,563	-	10,000,000	-	11,391,563
Other	85,536	30,000	12,000	37,000	164,536
Transfer-In			875,000		
Total Revenues	<u>\$ 8,646,057</u>	<u>\$ 2,150,000</u>	<u>\$ 15,690,713</u>	<u>\$ 37,000</u>	<u>\$ 25,648,770</u>
<b>Expenses</b>					
Operating	\$ 7,254,491	\$ -	\$ 2,720,132	\$ -	\$ 9,974,623
Capital	-	7,800,000	4,277,000	-	12,077,000
Debt Service	1,391,563	-	1,003,003	-	2,394,566
Other	-	-	-	3,000	3,000
Transfer-out		875,000			875,000
Total Expenses	<u>\$ 8,646,054</u>	<u>\$ 8,675,000</u>	<u>\$ 8,000,135</u>	<u>\$ 3,000</u>	<u>\$ 25,324,189</u>
Increase/(Decrease)	<u>\$ -</u>	<u>\$ (6,525,000)</u>	<u>\$ 7,690,578</u>	<u>\$ 34,000</u>	<u>\$ 324,580</u>
Fund Balance Beginning of the Year	-	13,277,416	5,801,779	577,737	19,656,932
Fund Balance End of the Year	<u>\$ -</u>	<u>\$ 6,752,416</u>	<u>\$ 13,492,357</u>	<u>\$ 611,737</u>	<u>\$ 19,981,512</u>

# REVENUE SUMMARY

## *BASIS FOR REVENUE BY SOURCE*

SEJPA's revenue is based on cost of service and miscellaneous revenue sources. Influent and effluent flow percentages are used to estimate the operating and maintenance costs charged to each member and leasing agency. Capacity percentages are used to estimate capital costs charged to each member and leasing agency.

- Influent flow is the basis for Wastewater and Laboratory Services costs.
- Effluent flow is the basis for the Ocean Outfall costs.
- Capacity is the basis for capital appropriations and debt services.

Below is a table of the 3-year average daily influent, effluent, and owned/leased capacity data for each member and leasing agency:

Entity	Millions of Gallons Per Day (MGD)							
					Wastewater Treatment Capacity			
	Influent		Effluent		Capacity		Outfall Capacity	
City of Encinitas	1.213	45.9%	0.527	5.1%	2.200	41.9%	2.250	8.8%
City of Solana Beach	0.920	34.8%	0.391	3.8%	2.200	41.9%	2.250	8.8%
Rancho Santa Fe CSD	0.148	5.6%	0.064	0.6%	0.250	4.8%	0.250	1.0%
City of Del Mar	0.364	13.8%	0.151	1.5%	0.600	11.4%	0.600	2.4%
City of Escondido	-	0.0%	9.174	89.0%	-	0.0%	20.150	79.0%
Total	2.645	100.0%	10.307	100.0%	5.250	100.0%	25.500	100.0%

The Laboratory Services program provides analytical services to the following facilities:

- Fairbanks Ranch Community Service District (CSD)
- Rancho Santa Fe CSD 1
- Santa Fe Valley CSD
- Whispering Palms CSD
- San Ysidro Border Facility (New in FY 2022-23)

The recommended FY 2023-24 budget is based on historic service levels. The analytical service revenues may vary based upon the actual number of samples analyzed.

The Recycled Water program receives revenue from different customers with varying levels of service. In May 2021, the Board accepted the 2021 Recycled Water Cost-of-Service Study and approved recycled water rates for five fiscal years from FY 2021-22 to FY 2025-26. The Recycled Water program also receives incentives in the amount of \$250 per acre-foot (AF) from the Metropolitan Water District of Southern California (MWD) and \$200 per AF from the San Diego County Water Authority (SDCWA).



### *FY 2022-23 ESTIMATED ACTUAL REVENUE*

The estimated revenue for FY 2022-23 is projected to be \$14,942,294, which is \$84,041 or 0.6% more revenue than anticipated. This is primarily due to an increase in recycled water demand from new customers.

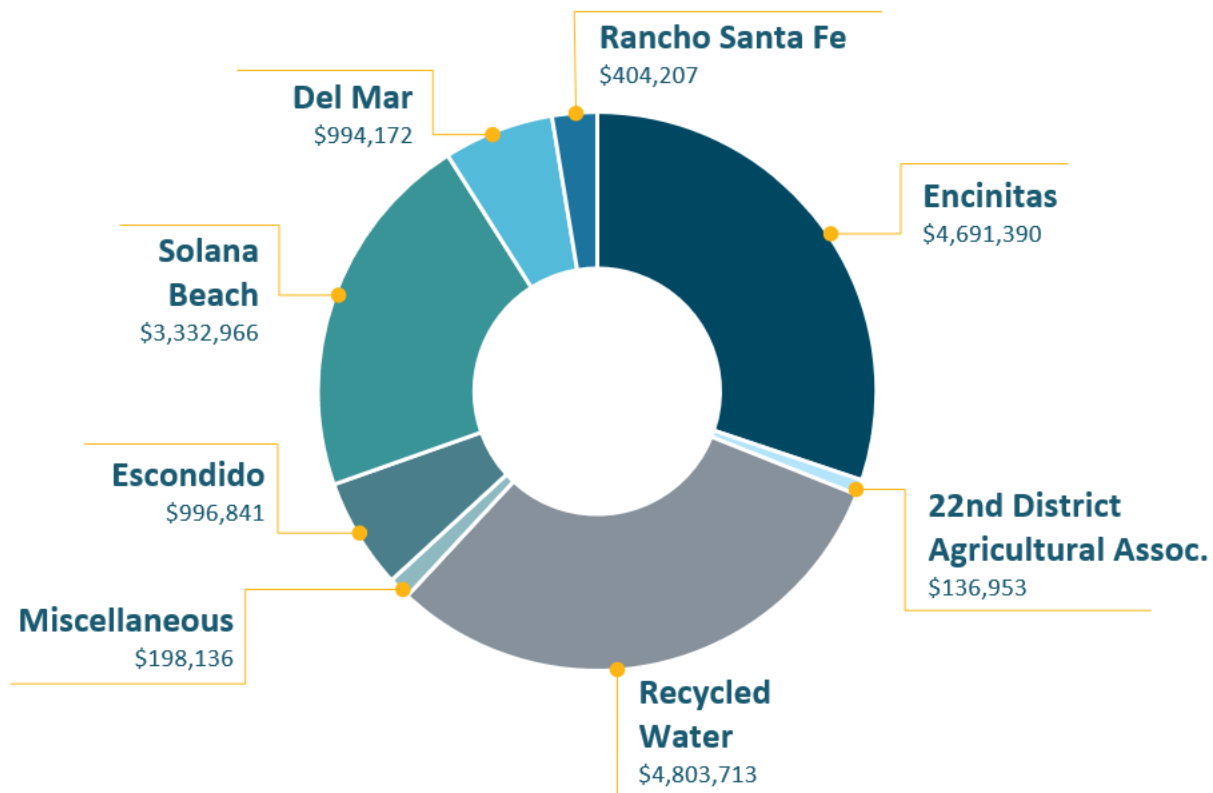
### *FY 2023-24 RECOMMENDED REVENUE BUDGET*

As inflation and increased work demand in various programs continues, the Recommended FY 2023-24 Budget has been prepared to address these challenges. Total anticipated revenue in FY 2023-24 is \$15,558,379. This is a \$700,126 or 4.7% increase from the prior fiscal year. Key contributors to year-over-year budget changes includes:

- Inflation associated with personnel, utilities, chemicals across programs.
- Increase Engineering Services budget to expand and advance the recycled water program and the addition of clean water services for the 22nd District Agricultural Association (Del Mar Fairgrounds).
- Increase Laboratory Services budget to reflect increase outside laboratory services.
- Decrease Ocean Outfall budget to reflect the net of completion of the Plume Tracking Study, addition of bi-annual outfall pipe and diffuser outlet inspection, and inflation in utility and supplies related costs.
- Increase Cardiff Pump Stations budget to include capital project to replace the wet well inlet slide gate at the Olivenhain Pump Station.
- Recycled Water revenue is scheduled for a 3.9% rate increase effective July 1, 2023 per the cost of service study.
- Increase recycled water capital improvement program with anticipation to receive \$1.2 million grant reimbursement to cover cost.

Below is a summary of revenue sources shown in both table and chart format to illustrate the revenue diversity with the agencies we serve.

<b>Revenue Source</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
City of Encinitas	\$ 3,499,812	\$ 3,764,106	\$ 4,792,771	\$ 4,874,444	\$ 4,691,390
City of Solana Beach	2,835,010	2,893,256	3,085,414	3,145,811	3,332,966
City of Del Mar	762,749	830,683	928,891	949,515	994,172
22nd District Agricultural Association	-	-	139,564	120,000	136,953
Rancho Santa Fe CSD	319,812	338,568	370,513	377,184	404,207
City of Escondido	668,669	1,078,135	970,765	988,720	996,841
Laboratory Services	43,455	43,844	56,500	42,000	100,600
Recycled Water	3,307,118	4,029,358	4,511,854	4,236,796	4,803,713
T-Mobile Cell Site Lease	29,958	29,958	31,783	31,783	32,736
Other Revenue	3,135,364	337,569	12,239	50,000	22,800
Interest on Wastewater Operations	45,865	151	30,000	30,000	30,000
Interest on Water Reclamation	7,155	-	12,000	12,000	12,000
<b>Total Revenue Sources</b>	<b>\$ 14,757,777</b>	<b>\$ 13,346,935</b>	<b>\$ 14,942,294</b>	<b>\$ 14,858,253</b>	<b>\$ 15,558,379</b>



# REVENUE DETAIL

## CITY OF ENCINITAS – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Wastewater Treatment	\$ 1,321,177	\$ 1,378,372	\$ 1,507,468	\$ 1,588,444	\$ 1,825,408
RSF CSD Contribution for 2017 Revenue Bonds	(31,898)	(31,815)	(31,843)	(31,843)	(31,861)
Del Mar Contribution for 2017 Revenue Bonds	(76,556)	(76,356)	(76,424)	(76,424)	(76,467)
Del Mar Wastewater Treatment Credit (Est to end FYE 2036)	30,000	30,000	30,000	30,000	30,000
T-Mobile Cell Tower Income	(14,979)	(13,142)	(15,891)	(15,891)	(16,368)
Total Wastewater Revenue	\$ 1,227,744	\$ 1,287,060	\$ 1,413,309	\$ 1,494,285	\$ 1,730,712
Laboratory Services	303,328	351,089	411,742	390,160	391,994
Ocean Outfall	32,438	61,216	51,618	54,137	52,692
Cardiff Sanitary Division Pump Stations	318,053	300,545	339,056	355,226	376,169
Encinitas Sanitary Division Pump Station	171,749	142,988	148,206	155,883	167,777
Encinitas Urban and Stormwater Services	63,682	47,888	41,401	37,313	55,514
2011 Refunding Bonds	61,710	-	-	-	-
2017 Revenue Bonds	669,863	668,113	668,713	668,713	669,088
Capital Projects	651,245	905,208	1,718,726	1,718,726	1,247,444
Total Revenue	\$ 3,499,812	\$ 3,764,106	\$ 4,792,771	\$ 4,874,443	\$ 4,691,390

## CITY OF SOLANA BEACH – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Wastewater Treatment	\$ 1,017,458	\$ 1,085,118	\$ 1,131,886	\$ 1,180,431	\$ 1,371,135
RSF CSD Contribution for 2017 Revenue Bonds	(31,898)	(31,815)	(31,843)	(31,843)	(31,861)
Del Mar Contribution for 2017 Revenue Bonds	(76,556)	(76,356)	(76,424)	(76,424)	(76,467)
Del Mar Wastewater Treatment Credit (Est to end FYE 2036)	30,000	30,000	30,000	30,000	30,000
T-Mobile Cell Tower Income	(14,979)	(10,243)	(15,891)	(15,891)	(16,368)
Total Wastewater Revenue	\$ 924,025	\$ 996,705	\$ 1,037,727	\$ 1,086,273	\$ 1,276,438
Laboratory Services	233,598	276,394	309,158	292,953	297,084
Ocean Outfall	24,983	43,970	38,061	42,827	39,130
Solana Beach Pump Stations	378,288	362,511	416,900	435,229	451,388
Solana Beach Urban and Stormwater Services	26,873	6,870	7,399	11,207	11,887
Solana Beach Generator Maintenance Services	9,425	8,486	13,730	14,883	15,507
2011 Refunding Bonds	61,710	-	-	-	-
2017 Revenue Bonds	669,863	668,113	668,713	668,713	669,088
Capital Projects	506,244	530,208	593,726	593,726	572,444
Total Revenue	\$ 2,835,010	\$ 2,893,256	\$ 3,085,414	\$ 3,145,811	\$ 3,332,966

## CITY OF DEL MAR – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Wastewater Treatment	\$ 388,326	\$ 419,159	\$ 471,460	\$ 494,596	\$ 545,951
Laboratory Services	89,156	106,765	128,772	122,022	117,691
Ocean Outfall	9,537	17,946	15,566	16,326	15,138
Del Mar Wastewater Treatment Credit (Est to end FYE 2036)	(60,000)	(60,000)	(60,000)	(60,000)	(60,000)
Del Mar Pump Station	51,442	49,564	58,410	61,888	66,392
2017 Revenue Bonds	153,112	152,711	152,849	152,849	152,934
Capital Projects	131,176	144,538	161,834	161,834	156,066
Total Revenue	<u>\$ 762,749</u>	<u>\$ 830,683</u>	<u>\$ 928,891</u>	<u>\$ 949,515</u>	<u>\$ 994,172</u>

## 22ND DISTRICT AGRICULTURAL ASSOCIATION (DEL MAR FAIRGROUNDS) – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Del Mar Fairgrounds	\$ -	\$ -	\$ 139,564	\$ 120,000	\$ 136,953
Total Revenue	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 139,564</u>	<u>\$ 120,000</u>	<u>\$ 136,953</u>

## RANCHO SANTA FE COMMUNITY SERVICES DISTRICT – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Wastewater Treatment	\$ 160,537	\$ 165,287	\$ 183,077	\$ 192,061	\$ 221,302
Laboratory Services	36,858	42,101	50,005	47,384	47,706
Ocean Outfall	3,962	7,326	6,314	6,622	6,450
2017 Revenue Bonds	63,796	63,630	63,687	63,687	63,723
Capital Projects	54,658	60,224	67,430	67,430	65,026
Total Revenue	<u>\$ 319,812</u>	<u>\$ 338,568</u>	<u>\$ 370,513</u>	<u>\$ 377,184</u>	<u>\$ 404,207</u>

## CITY OF ESCONDIDO – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Ocean Outfall	\$ 561,992	\$ 1,078,135	\$ 832,481	\$ 850,436	\$ 917,822
Capital Projects	106,676	-	138,284	138,284	79,020
Total Revenue	<u>\$ 668,669</u>	<u>\$ 1,078,135</u>	<u>\$ 970,765</u>	<u>\$ 988,720</u>	<u>\$ 996,841</u>

## LABORATORY SERVICES – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Fairbanks Ranch	\$ 11,499	\$ 11,363	\$ 11,500	\$ 10,500	\$ 17,600
Rancho Santa Fe CSD 1	12,589	12,764	13,000	12,600	20,000
Santa Fe Valley	6,194	6,481	8,000	6,300	28,400
Whispering Palms	13,173	13,237	14,000	12,600	21,000
Other Lab Service Income	-	-	10,000	-	13,600
Total Revenue	\$ 43,455	\$ 43,844	\$ 56,500	\$ 42,000	\$ 100,600

## RECYCLED WATER – REVENUE DETAIL

Revenue Source	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Santa Fe Irrigation District	\$ 958,580	\$ 1,024,615	\$ 1,151,792	\$ 1,044,300	\$ 1,096,044
San Dieguito Water District	630,744	656,210	910,276	708,000	746,634
City of Del Mar	175,521	127,737	168,150	159,300	165,510
Encinitas Ranch Golf Course	291,148	302,796	314,906	314,906	327,503
Olivenhain Municipal Water District	504,136	487,003	446,730	490,290	548,022
Total Customers	\$ 2,560,129	\$ 2,598,361	\$ 2,991,854	\$ 2,716,796	\$ 2,883,713
MWD/CWA Incentives	720,000	720,000	720,000	720,000	720,000
IRWM Grant	26,989	710,997	800,000	800,000	1,200,000
Total Revenue	\$ 3,307,118	\$ 4,029,358	\$ 4,511,854	\$ 4,236,796	\$ 4,803,713



### PROMOTING SUSTAINABILITY

As California faces another extended drought, local supplies of recycled water are more important than ever. Ada Harris Elementary School saves money and conserves natural resources by using recycled water.



# OPERATING EXPENSE SUMMARY

SEJPA owns and operates the San Elijo Water Campus, San Elijo Recycled Water Utility, and is a co-owner of the San Elijo Ocean Outfall. SEJPA also manages several related service programs to support the cities of Encinitas, Solana Beach, and Del Mar, as well as other local government agencies. Operational programs include:

- Wastewater Treatment
- Laboratory Services
- Ocean Outfall
- Cardiff Sanitary Division Pump Stations
- Encinitas Sanitary Division Pump Station
- City of Encinitas Urban & Stormwater Services
- City of Solana Beach Pump Stations
- City of Solana Beach Generator Services
- City of Del Mar Pump Station
- 22nd District Agricultural Association (Del Mar Fairgrounds)
- Leucadia Wastewater District (WWD) Technical Support Services *New!*
- Recycled Water

In providing these services, SEJPA seeks to accomplish its mission in an environmentally, socially, and fiscally responsible manner. Except for Recycle Water program, each of the above programs is funded by the customer base that is served and cost allocations are applied based on actual flows treated or level of effort provided. Recycled Water Program is funded by water sales, grants, and incentive programs.

## STAFF ALLOCATION

Budgeting for staff time is based on estimates of actual time required by each program. Actual program staff time is recorded daily. Administrative time is allocated to all programs. Below is a table showing the percentages of direct labor for each program by fiscal year:

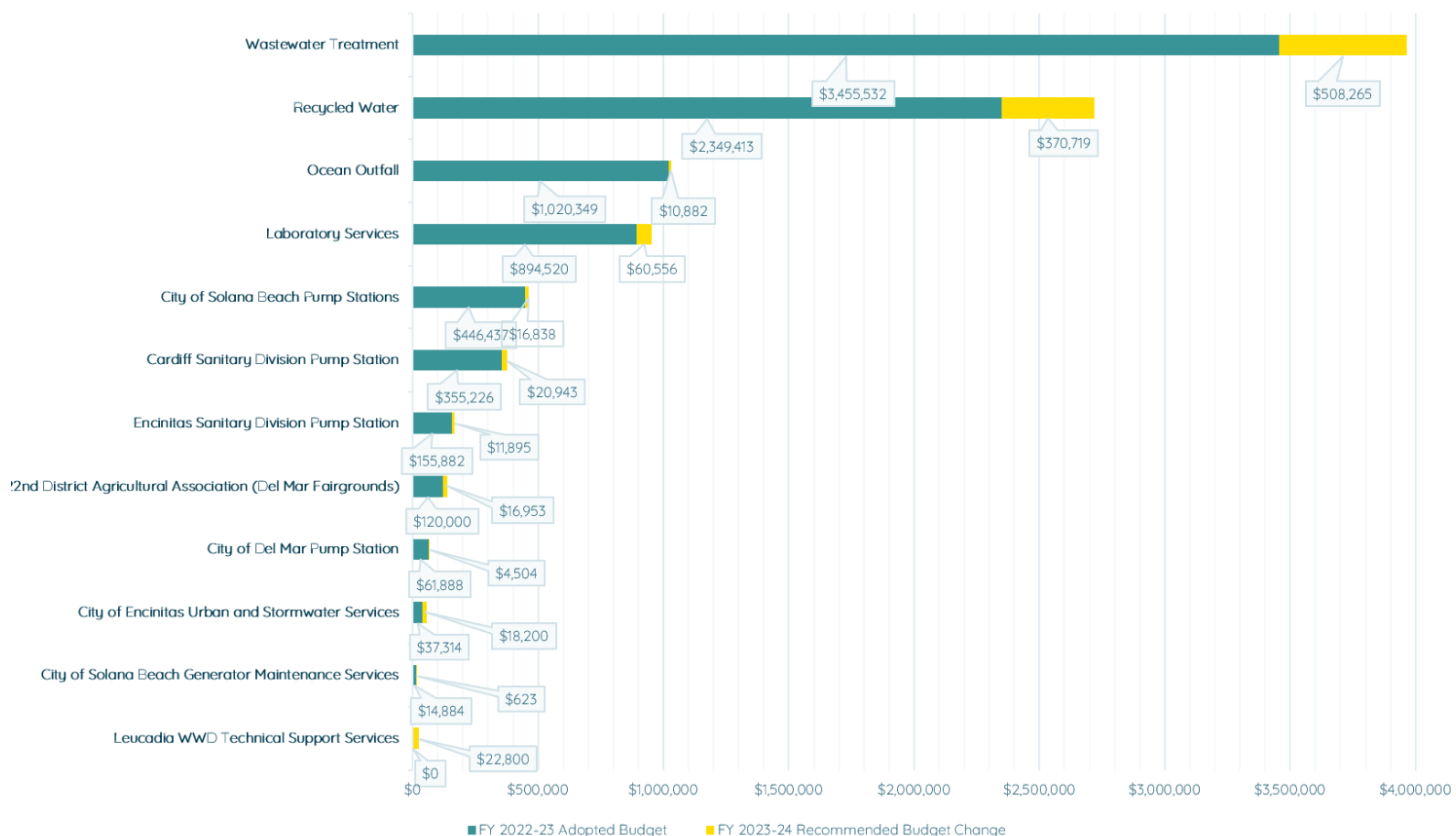
Program	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Wastewater Treatment	42.5%	41.6%	34.8%	35.8%	37.4%
Laboratory Services	15.6%	15.5%	15.5%	15.2%	13.8%
Ocean Outfall	11.0%	12.1%	12.1%	12.2%	11.5%
Cardiff Sanitation District Pump Stations	4.6%	3.7%	4.0%	4.1%	4.0%
Encinitas Sanitation District Pump Station	2.1%	1.8%	1.9%	1.9%	1.9%
Encinitas Urban and Stormwater Services	0.8%	0.6%	0.5%	0.6%	0.8%
Solana Beach Pump Stations	5.7%	4.6%	5.5%	5.5%	5.3%
Solana Beach Urban and Stormwater Services	0.2%	0.1%	0.2%	0.2%	0.2%
Del Mar Pump Station	1.3%	1.2%	1.0%	1.1%	1.0%
Fairgrounds	0.0%	0.0%	3.2%	0.0%	2.8%
Leucadia WWD Technical Support Services	0.0%	0.0%	0.5%	0.0%	0.7%
Recycled Water	16.1%	18.4%	20.6%	20.6%	20.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

## FY 2022-23 ESTIMATED ACTUAL EXPENSE – ALL PROGRAMS

Total expenses including operating, capital, and debt service are estimated to end the fiscal year under budget by \$256,308 or 1.9%. By program, eight out of eleven programs are tracking under budget. Operating expenses are estimated to end the year under budget at \$263,408 or 2.2%. Capital expenses are on track with the budget. Debt services actual expenses are anticipated to end the year slightly above budget by \$7,100 or 0.4%.

## FY 2023-24 RECOMMENDED EXPENSE BUDGET – ALL PROGRAMS

Total FY 2023-24 recommended budget is \$18,939,189 including \$9,974,623 operating budget, \$6,570,000 capital budget, and \$2,394,566 debt service. The operating budget is recommended at 1,063,178 or 11.9% increase from prior year to reflect inflation and work demands in personnel, utilities, and chemical costs. The capital budget accounts for projects listed in the Capital Program section of this budget book. The debt service budget includes the anticipated \$10 million private placement loan to fund Phase 4 Capital Improvement Program. Terms of the loan, subject to competitive process, are anticipated to be a fixed interest rate for a term of 20 years with annual payments estimated at approximately \$800,000. Debt service on the loan will be paid through recycled water fund. Staff will present this loan to the Board for approval in May 2023. Below is a chart listing the 12 programs recommended for the FY 2023-24 budget.



<b>Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
Personnel	\$ 3,439,393	\$ 3,678,174	\$ 4,310,097	\$ 4,325,607	\$ 4,610,406
Supplies and Services	3,719,187	4,185,275	4,248,096	4,277,838	5,080,217
Capital Outlay	92,224	56,755	89,843	99,000	75,000
Contingency	-	-	-	209,000	209,000
Total Operating Expense	\$ 7,250,804	\$ 7,920,203	\$ 8,648,037	\$ 8,911,445	\$ 9,974,623
Capital Expenses	1,730,000	2,235,000	3,180,000	3,180,000	6,570,000
Total Operating and Capital Expenses	\$ 8,980,804	\$ 10,155,203	\$ 11,828,037	\$ 12,091,445	\$ 16,544,623
Debt Service					
2017 Revenue Bonds	1,339,725	1,336,225	1,337,425	\$ 1,337,425	\$ 1,338,175
SDG&E On-Bill Financing	53,388	53,388	53,388	53,388	53,388
Recycled Water CIP (Phase 4)	-	-	-	-	800,000
Advanced Water Purification	148,153	148,153	148,153	148,153	148,153
SFID Pipeline Loan	18,038	25,146	45,500	37,500	44,500
Solana Beach Pipeline Loan	36,135	9,630	10,350	11,250	10,350
Total Debt Service	\$ 2,553,539	\$ 1,572,542	\$ 1,594,816	\$ 1,587,716	\$ 2,394,566
Total Expenses	\$ 11,534,343	\$ 11,727,745	\$ 13,422,853	\$ 13,679,161	\$ 18,939,189



## BUILDING PARTNERSHIPS

Good neighbors make good partners. Across from the Water Campus, the Nature Collective and the County of San Diego manage the 800-acre San Elijo Lagoon Ecological Reserve. We share their commitment to protect the lagoon and ocean environments and are proud to be their partner in conservation and education.

## OPERATING EXPENSE DETAIL – ALL PROGRAMS

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 2,312,619	\$ 2,506,907	\$ 2,889,711	\$ 2,908,400	\$ 3,090,067
FICA Tax	1,835	307	-	-	-
Medicare Tax	36,847	40,685	37,193	43,123	47,241
State Unemployment Tax	4,353	3,474	3,612	12,153	12,775
Standby Pay	18,092	16,895	29,297	30,306	30,699
Overtime Pay	58,112	50,711	61,790	47,685	48,291
Dental/Vision	25,608	20,261	32,366	29,998	29,439
Employee Assistance Program	678	742	1,600	2,001	1,961
Life Insurance/Disability	15,748	24,644	19,211	24,986	26,802
Workers Comp. Insurance	34,776	50,767	42,671	57,201	56,133
Medical Insurance - Pers	256,394	248,678	393,859	376,469	421,028
Retirement Plan - CalPERS & PARS Trust	570,986	604,783	598,708	647,920	686,521
Deferred Comp-employer	88,046	94,134	185,784	124,997	136,928
Uniforms - Boots	3,027	1,994	3,283	5,768	6,624
Payroll Processing Fees	11,836	12,517	10,291	12,100	13,445
Other Personnel Costs	436	675	720	2,500	2,452
	<u>\$ 3,439,393</u>	<u>\$ 3,678,174</u>	<u>\$ 4,310,097</u>	<u>\$ 4,325,607</u>	<u>\$ 4,610,406</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 1,440	\$ 3,072	\$ 3,234	\$ 4,305	\$ 4,305
Bank Service Charges	6,472	2,320	8,300	8,300	8,300
Board Expense	1,245	2,240	-	2,720	2,700
Dues & Memberships	30,301	34,562	23,515	28,000	29,760
Equipment Rental/Lease	6,587	16,878	6,041	12,900	6,000
Fees - Disposal	854	327	-	1,000	1,000
Fees - Permits	78,439	84,371	86,180	88,300	93,500
Fuel	13,583	23,361	27,876	21,677	25,000
Insurance - Liability	20,139	44,897	46,975	48,825	61,200
Insurance - Auto	2,587	2,739	3,365	3,329	3,400
Insurance - Property	42,808	60,115	85,389	69,275	102,500
Licenses	42,893	51,539	44,433	55,003	56,600
Minor Equip - Shop & Field	26,481	30,980	22,319	21,293	23,230
Miscellaneous	6,280	11	43	3,000	3,000
Postage/Shipping	2,702	2,522	1,233	2,525	2,500
Preemployment Screening	873	636	1,328	700	846
Printing	3,686	(710)	-	1,400	1,400
Rent	139,523	126,851	138,685	124,763	130,793
Repair Parts Expense	222,864	225,364	382,123	224,040	240,400
Retrofit Expenses	-	24,713	-	105,000	105,000
Seminars/Education	2,994	5,887	15,426	15,000	16,310
Services - Accounting	25,620	44,499	37,117	35,000	37,000
Services - Sediment Disposal	-	-	-	-	29,500
Services - Alarm	8,494	9,450	15,945	12,232	18,820
Services - Biosolids Hauling	216,258	221,713	209,958	209,760	225,055

*Operating expense detail continued on next page.*

## Operating Expense Detail Continued

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
Services - Engineering	\$ 379,477	\$ 618,686	\$ 140,896	\$ 365,000	\$ 405,000
Services - Fire Control	6,131	-	-	8,000	8,000
Services - Grease & Scum	14,933	13,414	7,414	20,000	20,000
Services - Grit & Screenings	72,816	36,615	50,740	42,900	29,900
Services - Janitorial	12,000	15,403	29,520	30,200	35,000
Services - Laboratory	41,688	42,396	36,332	51,500	51,500
Services - Landscape	45,959	68,168	56,619	65,424	65,424
Services - Legal	47,175	83,954	65,840	71,200	73,000
Services - Lobbying	19,926	21,088	9,750	19,500	20,000
Services - Maintenance	119,781	114,554	75,308	123,943	126,180
Services - Medical	11,503	6,249	5,173	8,160	8,000
Services - Other	10,388	584	8	1,600	1,600
Services - Professional	369,855	145,909	191,831	269,900	260,000
Services - Temp	91,490	109,718	117,756	101,174	170,909
Services - IT/GIS Support	94,091	98,536	100,271	101,285	164,658
Services - Contractors	54,979	54,233	74,405	106,700	111,870
Services - Testing	-	26	-	1,000	1,000
Services - Uniforms	8,233	8,842	9,752	11,002	11,002
Subscription	1,006	1,800	359	1,000	1,200
Subsistence - Meals	79	1,641	1,640	2,720	2,500
Subsistence - Travel/Rm & Bd	36	505	2,087	9,600	5,000
Supplies - Chem - Ferric Chlo	78,826	77,455	114,481	92,000	123,200
Supplies - Chem - Odor	75,706	92,967	104,473	126,200	123,450
Supplies - Chem - Polymer	75,762	86,529	100,807	92,800	100,000
Supplies - Chem - Sodium Hypo	67,931	75,369	179,717	130,000	229,500
Supplies - Chemicals	20,994	118,514	91,979	146,800	158,000
Supplies - Janitorial	2,171	2,152	2,864	3,300	5,000
Supplies - Lab	104,318	121,543	130,979	99,000	135,000
Supplies - Office	20,886	13,888	18,110	14,515	15,000
Supplies - Safety	19,854	8,680	8,903	11,200	11,200
Supplies - Shop & Field	26,919	43,126	34,677	28,130	28,975
Training	632	15,101	15,464	15,558	16,588
Training - Safety	3,020	1,778	9,519	9,976	10,605
Utilities - Gas & Electric	804,457	962,389	1,029,168	726,797	1,060,200
Utilities - Internet	4,263	2,593	347	5,325	5,400
Utilities - Telephone	39,541	37,175	40,783	37,598	38,311
Utilities - Trash	3,197	3,864	4,885	5,017	5,000
Utilities - Water	25,955	29,068	39,516	42,450	42,750
Utilities - Water (Suppl.)	26,942	26,755	34,363	16,500	16,500
Utilities - Solar Power	-	-	137,535	150,580	139,000
Vehicle Maintenance	13,148	5,674	14,339	13,937	16,675
	<u>\$ 3,719,192</u>	<u>\$ 4,185,275</u>	<u>\$ 4,248,096</u>	<u>\$ 4,277,838</u>	<u>\$ 5,080,217</u>
Capital Outlay	\$ 92,224	\$ 56,755	\$ 89,843	\$ 99,000	\$ 75,000
Contingency	-	-	-	209,000	209,000
Total Operating Expense	<u>\$ 7,250,809</u>	<u>\$ 7,920,203</u>	<u>\$ 8,648,037</u>	<u>\$ 8,911,445</u>	<u>\$ 9,974,623</u>



# OPERATING EXPENSE BY PROGRAM

## *WASTEWATER TREATMENT*

### PROGRAM DESCRIPTION

Wastewater Treatment is the primary cost center for operation and maintenance activities at the San Elijo Water Campus. Activities currently include full secondary wastewater treatment for the cities of Encinitas, Solana Beach, and Del Mar, as well as the Rancho Santa Fe Community Services District, with the effluent being recycled or disposed to the ocean. Wastewater biosolids are treated and dewatered, then hauled by contractor to a privately-operated land application site in Arizona for beneficial reuse.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

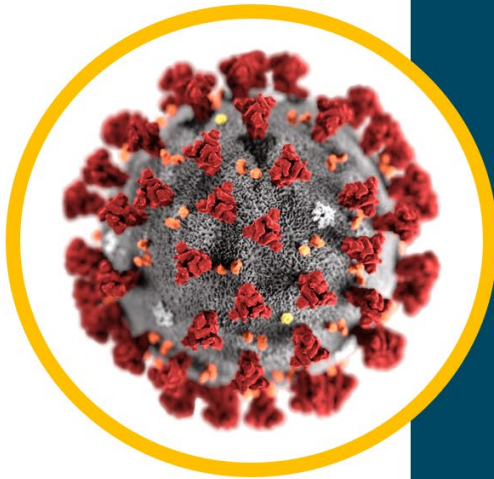
Actual operating expenses for the Wastewater Treatment program are expected to be under budget by \$161,640 or 4.7%. Personnel is under budget by \$38,632 or 2.5%. Supplies and Services is under budget by \$44,904 or 2.5% due to various expenses being less than anticipated. Capital Outlay is anticipated to be at budget by the end of the fiscal year.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

Total FY 2023-24 recommended budget is \$6,526,972 including \$3,963,797 operating budget, \$1,225,000 capital budget, and \$1,338,175 debt service. The recommended operating budget is \$508,265 or 14.7% above prior year budget. Personnel expense is planned to increase by \$131,724 or 8.4% to reflect inflation to personnel and current work demands. Supplies and Services is to increase by \$376,541 or 21.2% to reflect general cost inflation and high percentage increases in utility and chemical pricing. Capital Outlay remains the same as prior year. Contingency budget is set at \$76,000 which is 3.5% of the budgeted Supplies and Services costs to provide funding for unplanned expenses.

## Wastewater Treatment Expense Summary

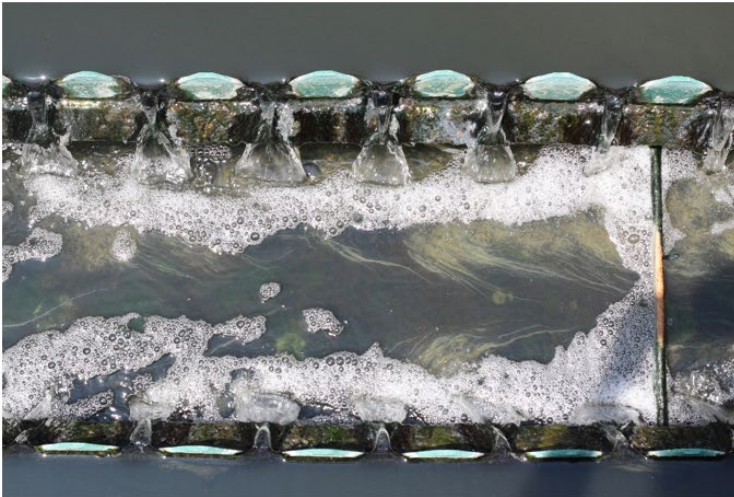
Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 1,435,782	\$ 1,434,521	\$ 1,528,679	\$ 1,567,311	\$ 1,699,035
Supplies and Services	1,379,886	1,604,585	1,732,317	1,777,221	2,153,762
Capital Outlay	72,186	28,793	32,896	35,000	35,000
Contingency	-	-	-	76,000	76,000
Total Operating Expense	\$ 2,887,854	\$ 3,067,899	\$ 3,293,892	\$ 3,455,532	\$ 3,963,797
Capital Expenses	1,070,000	1,240,000	1,260,000	1,260,000	1,225,000
Total Operating and Capital Expenses	\$ 3,957,854	\$ 4,307,899	\$ 4,553,892	\$ 4,715,532	\$ 5,188,797
Debt Service					
2011 Refunding Bonds	\$ 123,420	\$ -	\$ -	\$ -	\$ -
2017 Revenue Bonds	1,339,725	1,336,225	1,337,425	1,337,425	1,338,175
Total Debt Service	\$ 1,463,145	\$ 1,336,225	\$ 1,337,425	\$ 1,337,425	\$ 1,338,175
Total Expenses	\$ 5,420,999	\$ 5,644,124	\$ 5,891,317	\$ 6,052,957	\$ 6,526,972



### TRACKING COVID-19

SEJPA participates in tracking of COVID-19 by analyzing wastewater. Known as “sewer surveillance” or “wastewater epidemiology,” technicians testing for coronavirus RNA can predict whether infections will rise or fall. Unlike other types of tracking, wastewater surveillance does not depend on data patients provide to the healthcare system or the availability of COVID-19 testing.

<https://biobot.io/data/>



## RECYCLING AND REUSING

At SEJPA we recycle and reuse majority of the wastewater we process. Our recycled water utility protects the environment and makes efficient use of natural resources.

### Wastewater Treatment Operating Expense Detail

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Personnel</b>					
Direct Salaries and Wages	\$ 985,998	\$ 1,046,122	\$ 1,008,526	\$ 1,043,515	\$ 1,154,737
FICA Tax	197	313	-	-	-
Medicare Tax	15,609	14,651	13,262	15,836	16,912
State Unemployment Tax	1,849	1,639	1,335	4,462	4,574
Standby Pay	9,329	11,596	13,226	16,595	13,907
Overtime Pay	21,570	16,102	10,528	15,422	14,382
Dental/Vision	10,620	7,859	11,933	11,016	10,540
Employee Assistance Program	281	289	603	734	703
Life Insurance/Disability	6,531	8,498	7,000	9,175	9,595
Workers Comp. Insurance	14,422	21,053	15,532	21,005	20,096
Medical Insurance - Pers	106,339	86,726	145,107	138,245	150,730
Retirement Plan - CalPERS & PARS Trust	219,696	175,749	218,567	237,926	245,777
Deferred Comp-employer	37,072	37,512	77,429	45,901	49,020
Uniforms - Boots	1,261	759	1,325	2,118	2,371
Payroll Processing Fees	4,909	4,976	3,878	4,443	4,813
Other Personnel Costs	99	675	428	918	878
	<u>\$ 1,435,782</u>	<u>\$ 1,434,521</u>	<u>\$ 1,528,679</u>	<u>\$ 1,567,311</u>	<u>\$ 1,699,035</u>

Expense detail continued on next page.

## Wastewater Treatment Operating Expense Detail Continued

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Supplies and Services</u></b>					
Advertising	\$ 410	\$ 1,488	\$ 1,313	\$ 1,857	\$ 1,857
Bank Service Charges	6,472	2,320	8,300	8,300	8,300
Board Expense	965	2,240	-	1,360	1,350
Dues & Memberships	9,222	11,402	9,740	14,500	14,500
Equipment Rental/Lease	6,141	17,080	5,773	11,900	6,000
Fees - Disposal	551	327	-	1,000	1,000
Fees - Permits	35,557	46,601	39,481	40,000	40,000
Fuel	7,155	11,808	8,466	8,931	9,430
Insurance - Liability	8,669	19,112	25,643	27,398	24,850
Insurance - Auto	1,117	1,370	1,383	1,437	1,380
Insurance - Property	18,476	30,946	43,572	36,044	41,600
Licenses	11,576	13,035	17,416	23,748	18,350
Minor Equip - Shop & Field	10,463	9,008	20,675	9,900	10,890
Miscellaneous	6,280	11	43	3,000	3,000
Postage/Shipping	876	1,332	184	975	1,250
Preemployment Screening	380	291	673	302	302
Printing	1,635	(307)	-	750	750
Rent	629	547	520	518	518
Repair Parts Expense	140,869	114,866	174,767	126,500	139,150
Seminars/Education	801	2,443	5,311	5,000	5,000
Services - Accounting	12,810	21,857	18,559	17,500	18,000
Services - Sediment Disposal	-	-	-	-	6,000
Services - Alarm	1,794	2,287	7,393	2,500	7,400
Services - Biosolids Hauling	216,258	221,713	209,958	209,760	225,055
Services - Engineering	20,390	54,965	-	143,750	193,750
Services - Fire Control	6,131	-	-	6,000	6,000
Services - Grease & Scum	14,933	13,414	7,414	20,000	20,000
Services - Grit & Screenings	10,000	9,734	26,687	23,000	23,000
Services - Janitorial	12,000	15,403	21,520	21,840	17,500
Services - Laboratory (Outsource)	1,436	475	-	4,000	4,000
Services - Landscape	45,959	68,168	48,697	32,712	32,712
Services - Legal	39,541	61,111	60,000	43,000	36,500
Services - Maintenance	34,580	50,923	29,608	57,000	57,000
Services - Medical	9,332	3,710	1,954	7,000	5,390
Services - Other	5,558	372	6	300	300
Services - Professional	68,047	88,211	46,863	82,250	112,500
Services - Temp	40,835	40,598	57,205	30,914	60,269
Services - IT/GIS Support	40,610	41,710	40,710	42,755	63,683
Services - Contractors	45,419	24,218	-	55,000	55,000
Services - Testing	-	-	-	1,000	1,000
Services - Uniforms	3,542	3,732	3,970	4,750	4,750
Subscriptions	503	760	146	900	600
Subsistence - Meals	40	698	736	1,500	1,000
Subsistence - Travel/Rm & Bd	18	213	848	6,000	2,000
Supplies - Chem - Ferrous Chlo	78,826	77,455	114,481	92,000	123,200
Supplies - Chem - Odor	10,197	3,349	-	23,000	23,000
Supplies - Chem - Polymer	70,797	83,620	88,495	82,800	90,000
Supplies - Chem - Sodium Hypo	9,382	-	11,604	20,000	48,195
Supplies - Chemicals	1,806	1,125	3,675	4,500	4,500
Supplies - Janitorial	2,171	1,902	2,046	3,000	2,500
Supplies - Lab	1,322	143	25,203	3,000	25,000
Supplies - Office	10,258	6,163	6,198	11,000	6,135
Supplies - Safety	8,381	5,560	5,455	8,300	4,550
Supplies - Shop & Field	14,002	34,047	23,713	19,250	19,896
Training	8	6,368	6,278	6,500	6,500
Training - Safety	1,303	750	3,865	4,300	4,300
Utilities - Gas & Electric	227,835	332,944	369,587	240,995	387,000
Utilities - Internet	1,840	1,215	347	2,500	2,200
Utilities - Telephone	16,787	14,299	15,087	17,000	15,400
Utilities - Trash	1,380	1,632	1,983	3,200	2,000
Utilities - Water	21,743	20,816	26,585	30,500	30,500
Utilities - Solar Power	-	-	70,334	61,825	70,000
Vehicle Maintenance	3,861	3,006	11,849	6,700	6,000
	<u>\$ 1,379,887</u>	<u>\$ 1,604,585</u>	<u>\$ 1,732,317</u>	<u>\$ 1,777,221</u>	<u>\$ 2,153,762</u>
Capital Outlay	\$ 72,186	\$ 28,793	\$ 32,896	\$ 35,000	\$ 35,000
Contingency	-	-	-	76,000	76,000
Total Operating Expense	<u>\$ 2,887,855</u>	<u>\$ 3,067,899</u>	<u>\$ 3,293,892</u>	<u>\$ 3,455,532</u>	<u>\$ 3,963,797</u>

## LABORATORY SERVICES

### PROGRAM DESCRIPTION

The laboratory located at the San Elijo Water Campus provides analytical services for SEJPA Wastewater and Recycled Water Programs as well as to other entities through contract agreements. The FY 2023-24 contract agreements include the Fairbanks Ranch Community Services District, the Rancho Santa Fe Community Services District, the Santa Fe Valley Community Services District, the Whispering Palms Community Services District, and the San Ysidro Border Patrol Facility, which is a new entity that San Elijo started to service in FY 2022-23.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

Overall, Laboratory Services actual operating expenses are expected to be slightly over budget by \$5,157 or 0.5%. Personnel is slightly over budget due to current vacancies that led to a higher overtime costs and anticipation of higher salary cost during the current competitive employee market. Supplies and Services are estimated to be slightly over budget, which will be offset by contingency budget. Capital Outlay is coming in under budget as equipment needs have changed during the year.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

Total FY 2023-24 recommended budget is \$1,075,076 including \$955,076 operating budget and \$120,000 capital budget. The recommended operating budget is \$60,556 or 6.8% higher than prior year budgeted level. Personnel expense will increase slightly to reflect staffing turnover. Supplies and Services is planned to increase by \$72,393 or 36.1% due to increase in temporary staffing services to cover work demands during staffing turnover and general inflation to operating expenses. Contingency funding has been set at \$5,000 which is 1.8% of the budgeted Supplies and Services cost to provide funding for unplanned expenses.

#### *Laboratory Services Expense Summary*

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 522,294	\$ 587,318	\$ 690,959	\$ 674,911	\$ 677,074
Supplies and Services	178,618	220,159	201,669	200,609	273,002
Capital Outlay	5,267	12,966	7,049	14,000	-
Contingency	-	-	-	5,000	5,000
Total Operating Expense	\$ 706,179	\$ 820,443	\$ 899,677	\$ 894,520	\$ 955,076
Capital Expenses	-	-	120,000	120,000	120,000
Total Operating and Capital Expenses	\$ 706,179	\$ 820,443	\$ 1,019,677	\$ 1,014,520	\$ 1,075,076



## Laboratory Services Operating Expense Detail

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 360,365	\$ 389,444	\$ 446,490	\$ 442,378	\$ 427,922
FICA Tax	1,420	(9)	-	-	-
Medicare Tax	5,709	5,743	6,992	7,236	7,868
State Unemployment Tax	888	649	562	2,039	2,128
Standby	-	529	96	-	-
Overtime Pay	7,543	6,849	19,273	7,831	9,100
Dental/Vision	4,169	3,497	5,448	5,034	4,903
Employee Assistance Program	110	128	267	336	327
Life Insurance/Disability	2,564	4,571	3,202	4,192	4,464
Workers Comp. Insurance	5,662	8,265	7,104	9,597	9,349
Medical Insurance - Pers	41,737	46,652	66,244	63,166	70,120
Retirement Plan - CalPERS & PARS Trust	75,872	103,455	115,224	108,712	114,337
Deferred Comp-employer	13,533	14,982	17,638	20,973	22,805
Uniforms - Boots	481	438	559	968	1,103
Payroll Processing Fees	1,927	2,126	1,777	2,030	2,239
Other Personnel Costs	314	-	82	419	409
	<u>\$ 522,295</u>	<u>\$ 587,318</u>	<u>\$ 690,959</u>	<u>\$ 674,911</u>	<u>\$ 677,074</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 651	\$ 423	\$ 550	\$ 730	\$ 730
Dues & Memberships	1,006	1,730	767	600	600
Fees - Disposal	303	-	-	-	-
Fees - Permits	6,352	9,059	9,284	10,000	10,000
Fuel	163	410	7,503	494	1,750
Insurance - Liability	3,433	7,635	1,347	1,961	10,410
Insurance - Auto	439	-	600	565	580
Insurance - Property	7,265	5,202	5,612	5,612	17,500
Licenses	4,548	4,873	5,389	9,334	7,680
Minor Equip - Shop & Field	3,890	300	-	1,320	1,320
Postage/Shipping	952	736	857	975	-
Preemployment Screening	147	216	188	119	119
Printing	613	(120)	-	160	160
Rent	168	282	1,012	204	204
Repair Parts Expense	1,549	7,244	4,027	2,200	4,000
Seminars/Education	1,046	1,895	2,910	3,000	3,000
Services - Accounting	-	854	-	-	1,000
Services - Engineering	-	-	-	-	12,500
Services - Janitorial	-	-	5,000	5,240	3,500
Services - Laboratory	34,129	34,166	30,792	40,000	40,000
Services - Legal	558	7,490	3,650	200	7,300
Services - Maintenance	21,155	1,397	5,000	5,000	5,000
Services - Alarm	-	-	-	335	335
Services - Medical	589	718	892	300	900
Services - Other	1,415	-	1	1,000	1,000
Services - Professional	3,054	1,788	10,136	10,000	5,000
Services - Temp	10,860	32,187	19,277	22,483	37,328
Services - Uniforms	1,392	1,507	1,658	1,867	1,867
Services - IT/GIS Support	15,967	16,788	17,046	17,207	27,339
Subscriptions	-	307	61	-	-
Subsistence - Meals	-	267	259	300	250
Subsistence - Travel/Rm & Bd	-	86	355	500	500
Supplies - Laboratory	40,558	69,028	49,854	46,000	50,000
Supplies - Office	3,304	2,174	4,561	2,000	2,500
Supplies - Safety	3,860	2,347	1,842	800	1,900
Supplies - Shop & Field	3,032	1,604	616	660	660
Supplies - Janitorial	-	250	818	300	1,000
Training	615	2,575	2,629	2,000	2,750
Training - Safety	513	303	1,618	1,500	1,500
Utilities - Internet	723	303	-	700	920
Utilities - Telephone	3,507	2,796	4,020	2,400	6,450
Utilities - Trash	543	659	830	543	850
Vehicle Maintenance	318	682	708	2,000	2,600
	<u>\$ 178,617</u>	<u>\$ 220,159</u>	<u>\$ 201,669</u>	<u>\$ 200,609</u>	<u>\$ 273,002</u>
Capital Outlay	\$ 5,267	\$ 12,966	\$ 7,049	\$ 14,000	\$ -
Contingency	-	-	-	5,000	5,000
Total Operating Expense	<u>\$ 706,179</u>	<u>\$ 820,443</u>	<u>\$ 899,677</u>	<u>\$ 894,520</u>	<u>\$ 955,076</u>

## OCEAN OUTFALL

### PROGRAM DESCRIPTION

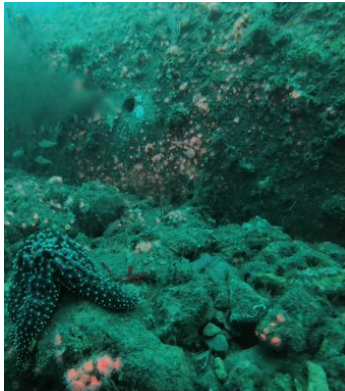
This program is the cost center for all operation and maintenance services related to the Ocean Outfall system. These activities include effluent pump station operations and maintenance; ocean monitoring; sampling and testing; and outfall inspection. Outfall capacity is shared through an agreement between SEJPA and the City of Escondido; all operation and maintenance costs are shared based on actual usage (measured by discharged flows). Capital improvement project costs are shared based on leased/owned capacity (79% City of Escondido and 21% SEJPA).

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

Ocean Outfall actual operating expenses are expected to be under budget by \$76,308 or 6.4% due to a shift in Plume Tracking Study work being performed during FY 2021-22.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

Total FY 2023-24 recommended budget is \$1,131,231 including \$1,031,231 operating budget and \$100,000 capital budget. The recommended operating budget is \$10,882 or 1.1% more than the previous year. Personnel costs are expected to increase \$11,593 or 2.2% to reflect inflation to labor related costs. Supplies and Services are expected to decrease \$711 or 0.2% to account for the net of completion of the Plume Tracking Study, addition of bi-annual outfall pipe and diffuser nozzle inspection, and inflation in utility and supplies related costs. Contingency funding remains at \$25,000, which is approximately 5.3% of the budgeted Supplies and Services costs. This provides funding for unforeseen events or repairs for facilities within the Ocean Outfall Program.



#### INSPECTING ASSETS

The San Elijo Ocean Outfall extends 8,000 feet from the shoreline at an end depth of 150 feet below sea level. In 2022, the Outfall Plume Tracking Study was completed. The resulting report confirmed historical findings that the aquatic life and environment are not being impacted by ocean discharge from San Elijo Ocean Outfall. Data showed the outfall was in excellent condition and marine life in the area was thriving.

### *Ocean Outfall Expense Summary*

<b>Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
Personnel	\$ 369,331	\$ 442,860	\$ 517,550	\$ 522,517	\$ 534,110
Supplies and Services	286,614	769,417	426,491	472,832	472,121
Capital Outlay	-	61	-	-	-
Contingency	-	-	-	25,000	25,000
Total Operating Expense	\$ 655,945	\$ 1,212,337	\$ 944,041	\$ 1,020,349	\$ 1,031,231
Capital Expenses	185,000	120,000	175,000	175,000	100,000
Total Expenses	\$ 840,945	\$ 1,332,337	\$ 1,119,041	\$ 1,195,349	\$ 1,131,231

### *Ocean Outfall Operating Expense Detail*

<b>Operating Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 254,518	\$ 304,215	\$ 351,075	\$ 355,876	\$ 354,787
FICA Tax	55	(6)	-	-	-
Medicare Tax	4,027	7,338	4,946	5,131	5,612
State Unemployment Tax	456	287	375	1,446	1,518
Standby Pay	2,185	834	4,155	2,823	2,776
Overtime Pay	3,903	2,583	3,235	4,483	5,308
Dental/Vision	2,699	2,441	3,865	3,569	3,498
Employee Assistance Program	71	91	190	238	233
Life Insurance/Disability	1,660	3,226	2,271	2,973	3,184
Workers Comp. Insurance	3,665	5,351	5,040	6,805	6,669
Medical Insurance - Pers	27,022	32,781	47,004	44,791	50,020
Retirement Plan - CalPERS & PARS Trust	57,678	69,913	68,111	77,087	81,562
Deferred Comp-employer	9,818	12,094	25,589	14,872	16,268
Uniforms - Boots	321	243	374	686	787
Payroll Processing Fees	1,248	1,470	1,263	1,440	1,597
Other Personnel Costs	6	-	56	297	291
	<u>\$ 369,331</u>	<u>\$ 442,860</u>	<u>\$ 517,550</u>	<u>\$ 522,517</u>	<u>\$ 534,110</u>

*Expense detail continued on next page.*

## Ocean Outfall Operating Expense Detail Continued

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Supplies and Services</u></b>					
Advertising	\$ 95	\$ 269	\$ 365	\$ 429	\$ 429
Board Expense	112	-	-	544	550
Dues & Memberships	11,601	11,751	3,279	5,100	5,100
Fees - Permits	2,138	22	23	2,500	2,500
Fuel	964	1,507	2,214	1,496	325
Insurance - Liability	2,017	4,695	4,834	4,868	6,920
Insurance - Auto	258	548	553	332	380
Insurance - Property	4,268	5,993	9,649	6,907	11,600
Licenses	3,673	4,016	6,823	5,482	5,100
Postage/Shipping	56	113	51	100	500
Preemployment Screening	87	34	125	70	125
Printing	360	(71)	-	110	110
Rent	99	178	671	120	2,550
Repair Parts Expense	2,796	4,894	9,986	2,200	2,420
Seminars/Education	150	445	1,269	1,100	1,300
Minor Equip - Shop & Field	1,750	15,049	-	4,400	4,840
Services - Accounting	5,124	8,440	7,423	7,000	7,200
Services - Engineering	41,650	507,270	66,504	145,000	75,000
Services - Janitorial	-	-	-	-	3,500
Services - Landscape	-	-	6,372	13,085	13,085
Services - Laboratory	-	1,037	-	-	-
Services - Legal	496	604	-	5,000	7,300
Services - Maintenance	-	657	1,490	2,000	2,000
Services - Medical	346	509	633	200	200
Services - Other	899	74	0	-	-
Services - Professional	48,887	28,635	88,912	95,400	74,000
Services - IT/GIS Support	9,381	10,535	11,331	10,796	18,172
Services - Contractors	9,560	14,340	22,830	29,700	32,670
Services - Temp	15,247	15,146	22,847	21,078	32,158
Services - Uniforms	825	955	1,097	1,096	1,096
Services - Alarm	-	-	-	300	300
Subscriptions	201	195	41	50	240
Subsistence - Meals	15	185	172	20	500
Subsistence - Travel/Rm & Bd	7	55	236	100	1,000
Supplies - Janitorial	-	-	-	-	500
Supplies - Lab	54,998	44,080	55,488	40,000	50,000
Supplies - Office	1,676	1,753	2,185	300	1,700
Supplies - Safety	1,391	226	368	350	1,270
Supplies - Shop & Field	1,813	1,009	152	440	440
Training	3	1,635	1,747	1,500	1,750
Training - Safety	301	193	1,076	900	1,100
Utilities - Gas & Electric	59,649	79,525	73,964	45,574	76,000
Utilities - Internet	425	189	-	500	620
Utilities - Telephone	2,060	1,776	2,656	1,700	4,300
Utilities - Trash	319	416	552	319	570
Utilities - Solar Power	-	-	18,576	14,166	19,000
Vehicle Maintenance	917	535	-	500	1,700
	<u>\$ 286,614</u>	<u>\$ 769,417</u>	<u>\$ 426,491</u>	<u>\$ 472,832</u>	<u>\$ 472,121</u>
Capital Outlay	\$ -	\$ 61	\$ -	\$ -	\$ -
Contingency	-	-	-	25,000	25,000
Total Operating Expense	<u>\$ 655,945</u>	<u>\$ 1,212,337</u>	<u>\$ 944,041</u>	<u>\$ 1,020,349</u>	<u>\$ 1,031,231</u>



## *CARDIFF SANITARY DIVISION PUMP STATIONS*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services to the City of Encinitas' Cardiff Sanitary Division (CSD). These facilities include the Cardiff, Coast Highway, and Olivenhain Pump Stations. The actual costs incurred are borne solely by the CSD.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

The CSD Pump Stations actual operating expenses are expected to be \$16,169 under budget, or 4.6%. Personnel expense is estimated to be slightly under budget and Supplies and Services are projected to be over budget due to an unanticipated pump repair at the Olivenhain Pump Station.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

Total FY 2023-24 recommended budget is \$451,169 including \$376,169 operating budget and \$75,000 capital budget. The operating budget is recommended to increase by \$20,944 or 5.9%. Personnel expense will increase by \$9,682 or 5.5% as a result of labor related cost inflation and current work demands. Supplies and Services will increase by \$11,262 or 7.0% due to chemical related cost inflation. A Capital Project to replace the wet well inlet slide gate at Olivenhain Pumps Station has been added to this budget. Staff reduced the SDG&E electric utility payment by \$5,000 for the Olivenhain Pump Station (OPS) this year by changing the station to a water pumping rate from the commercial rate. Contingency funding has been set at \$19,500, which is approximately 11.4% of budgeted Supplies and Services costs. This provides funding for unforeseen events and repairs at any of the CSD Pump Stations.



### Cardiff Sanitary Division Pump Stations Expense Summary

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 171,370	\$ 157,151	\$ 172,585	\$ 175,539	\$ 185,221
Supplies and Services	146,683	143,392	166,471	160,186	171,448
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	19,500	19,500
Total Operating Expense	\$ 318,053	\$ 300,543	\$ 339,056	\$ 355,225	\$ 376,169
Capital Expenses	170,000	-	-	-	75,000
Total Expenses	\$ 488,053	\$ 300,543	\$ 339,056	\$ 355,225	\$ 451,169
Cardiff Pump Station	\$ 106,491	\$ 100,375	\$ 106,053	\$ 125,768	\$ 134,082
Coast Blvd Pump Station	77,433	50,472	52,537	61,185	63,439
Olivenhain Pump Station	134,129	149,697	180,466	168,272	178,648
Total Operating Expense	\$ 318,053	\$ 300,543	\$ 339,056	\$ 355,225	\$ 376,169

### Cardiff Sanitary Division Pump Stations Operating Expense Detail

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Personnel</b>					
Direct Salaries and Wages	\$ 105,752	\$ 92,502	\$ 115,556	\$ 119,870	\$ 124,836
FICA Tax	21	(2)	-	-	-
Medicare Tax	1,692	2,637	1,365	1,714	1,889
State Unemployment Tax	165	110	129	483	510
Standby Pay	904	335	1,375	1,008	1,325
Overtime Pay	2,729	1,642	2,119	1,415	1,439
Dental/Vision	1,116	875	1,284	1,193	1,177
Employee Assistance Program	30	32	66	80	78
Life Insurance/Disability	687	1,126	752	993	1,071
Workers Comp. Insurance	1,516	2,213	1,669	2,274	2,244
Medical Insurance - Pers	11,178	11,637	15,608	14,969	16,832
Retirement Plan - CalPERS & PARS Trust	40,886	39,940	23,645	25,760	27,446
Deferred Comp-employer	4,044	3,511	8,451	4,970	5,474
Uniforms - Boots	133	59	129	229	265
Payroll Processing Fees	516	535	418	481	537
Other Personnel Costs	3	-	19	100	98
	\$ 171,370	\$ 157,151	\$ 172,585	\$ 175,539	\$ 185,221

Cost detail continued on next page.



*Cardiff Sanitary Division Pump Stations Operating Expense Detail Continued*

<b>Operating Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 41	\$ 101	\$ 126	\$ 185	\$ 185
Dues & Memberships	133	173	108	-	30
Equipment Rental/Lease	-	15	183	-	-
Fees - Permits	2,514	1,004	1,872	3,000	3,200
Fuel	668	991	477	1,332	975
Insurance - Liability	864	1,859	1,950	2,085	2,380
Insurance - Auto	110	-	-	142	130
Insurance - Property	1,828	2,567	3,330	2,958	4,000
Licenses	1,145	1,181	3,105	2,354	1,760
Minor Equip - Shop & Field	1,738	3	-	1,320	1,364
Postage/Shipping	24	43	18	15	-
Preemployment Screening	37	13	43	30	30
Printing	154	(30)	-	60	60
Rent	42	53	50	51	51
Repair Parts Expense	23,811	27,178	43,971	16,500	16,830
Seminars/Education	64	129	438	700	700
Services - Alarm	1,680	1,628	2,664	1,307	2,409
Services - Accounting	-	203	-	-	-
Services - Maintenance	8,785	15,605	3,894	7,050	7,050
Services - Medical	148	177	210	90	165
Services - Other	336	-	0	-	-
Services - Professional	769	162	31	-	-
Services - IT/GIS Support	4,018	4,026	3,911	4,127	6,272
Services - Temp	-	15	28	-	-
Services - Uniforms	352	359	382	472	472
Subscriptions	-	73	14	-	-
Subsistence - Meals	-	63	60	-	-
Subsistence - Travel/Rm & Bd	-	20	81	-	-
Supplies - Chemicals	1,366	917	-	2,300	2,300
Supplies - Chem - Odor	24,690	27,323	37,255	46,000	56,450
Supplies - Office	696	457	584	80	585
Supplies - Safety	2,201	72	127	290	430
Supplies - Shop & Field	773	924	2,500	770	800
Training	-	612	603	810	810
Training - Safety	129	72	371	530	530
Utilities - Gas & Electric	20,373	50,914	53,234	60,072	55,700
Utilities - Internet	182	73	-	270	205
Utilities - Telephone	1,768	2,012	2,405	1,700	1,480
Utilities - Trash	136	157	190	136	220
Utilities - Water	2,465	2,054	2,255	3,000	3,300
Vehicle Maintenance	380	196	-	450	575
	<u>\$ 146,683</u>	<u>\$ 143,392</u>	<u>\$ 166,471</u>	<u>\$ 160,186</u>	<u>\$ 171,448</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	19,500	19,500
Total Operating Expense	<u>\$ 318,053</u>	<u>\$ 300,543</u>	<u>\$ 339,056</u>	<u>\$ 355,225</u>	<u>\$ 376,169</u>
Cardiff Pump Station	\$ 106,491	\$ 100,375	\$ 106,053	\$ 125,768	\$ 134,082
Coast Blvd Pump Station	77,433	50,472	52,537	61,185	63,439
Olivenhain Pump Station	134,129	149,697	180,466	168,272	178,648
Total Operating Expense	<u>\$ 318,053</u>	<u>\$ 300,543</u>	<u>\$ 339,056</u>	<u>\$ 355,225</u>	<u>\$ 376,169</u>



## ENCINITAS SANITARY DIVISION PUMP STATION

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services to the Encinitas Sanitary Division (ESD), for the Moonlight Beach Pump Station, located in the City of Encinitas. The actual costs incurred are borne solely by the ESD.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

It is anticipated that the ESD Pump Station actual operating expenses will be \$7,676 or 0.6% below budget for FY 2022-23. Supplies and Services are anticipated to be slightly over budget due to unanticipated maintenance costs related to aging pumps that are being replaced next year as part of the Capital Program. Contingency funding was used to cover the Supplies and Services overage.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

For FY 2023-24, the recommended budget is \$767,777 including \$167,777 operating budget and \$600,000 capital budget. The ESD Pump Station operating budget is planned to be \$11,895 or 7.6% over FY 2022-23 budget. Personnel expense will increase by \$5,997 or 7.3% because of labor related cost inflation and current work demands. Supplies and Services will increase by \$5,899 or 9.3% as a result of increasing maintenance and repair services and supplies costs for aging equipment at the pump station. Contingency funding has been set to \$10,000, which is approximately 14.4% of budgeted supplies and services costs. This provides funding for unforeseen events and repairs at the pump station.

### Encinitas Sanitary Division Pump Station Expense Summary

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 83,487	\$ 79,792	\$ 81,936	\$ 82,192	\$ 88,188
Supplies and Services	73,491	63,197	66,270	63,690	69,589
Capital Outlay	14,771	-	-	-	-
Contingency	-	-	-	10,000	10,000
Total Operating Expense	\$ 171,749	\$ 142,988	\$ 148,206	\$ 155,882	\$ 167,777
Capital Expenses	-	375,000	1,125,000	1,125,000	600,000
Total Expenses	\$ 171,749	\$ 517,988	\$ 1,273,206	\$ 1,280,882	\$ 767,777

## Encinitas Sanitary Division Pump Station Operating Expense Detail

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 48,793	\$ 44,242	\$ 55,560	\$ 56,293	\$ 59,548
FICA Tax	9	(1)	-	-	-
Medicare Tax	779	679	733	798	899
State Unemployment Tax	81	47	60	225	243
Standby Pay	413	141	646	445	580
Overtime Pay	901	842	732	660	641
Dental/Vision	510	402	576	555	560
Employee Assistance Program	13	15	30	37	37
Life Insurance/Disability	313	519	353	463	510
Workers Comp. Insurance	692	1,010	783	1,059	1,068
Medical Insurance - Pers	5,102	5,358	7,314	6,970	8,009
Retirement Plan - CalPERS & PARS Trust	23,702	24,573	10,952	11,996	13,060
Deferred Comp-employer	1,881	1,691	3,932	2,314	2,605
Uniforms - Boots	61	27	59	107	126
Payroll Processing Fees	236	246	196	224	256
Other Personnel Costs	1	-	9	46	47
	<u>\$ 83,487</u>	<u>\$ 79,792</u>	<u>\$ 81,936</u>	<u>\$ 82,192</u>	<u>\$ 88,188</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 18	\$ 46	\$ 58	\$ 81	\$ 81
Dues & Memberships	59	80	50	-	-
Fees - Permits	1,516	785	785	1,200	1,200
Fuel	346	629	1,378	896	450
Insurance - Liability	380	841	873	918	1,100
Insurance - Auto	49	-	-	63	60
Insurance - Property	805	1,130	1,537	1,302	1,900
Licenses	504	536	1,163	1,035	820
Minor Equip - Shop & Field	949	1,481	-	-	-
Postage/Shipping	459	44	8	240	-
Preemployment Screening	16	6	20	13	13
Printing	68	(13)	-	25	25
Rent	19	24	23	23	23
Equipment Rental/Lease	446	(216)	84	-	-
Repair Parts Expense	10,792	4,196	3,996	3,300	4,000
Seminars/Education	28	60	202	300	300
Services - Alarm	960	1,320	720	617	720
Services - Accounting	-	94	-	-	-
Services - Grit & Screenings	-	1,028	-	-	-
Services - Engineering	17,697	(0)	-	-	-
Services - Maintenance	4,069	1,769	4,158	3,000	4,200
Services - Medical	65	82	98	40	100
Services - Other	155	-	0	-	-
Services - Professional	338	75	14	-	-
Services - IT/GIS Support	1,769	1,844	1,805	1,890	2,895
Services - Temp	-	7	13	-	-
Services - Uniforms	156	165	176	207	207
Subscriptions	-	34	6	-	-
Subsistence - Meals	-	29	28	-	-
Subsistence - Travel/Rm & Bd	-	9	38	-	-
Supplies - Office	306	211	270	20	270
Supplies - Safety	248	33	59	100	200
Supplies - Shop & Field	363	941	290	330	330
Training	-	282	278	340	340
Training - Safety	57	33	171	220	220
Utilities - Gas & Electric	29,710	44,433	46,714	46,350	49,000
Utilities - Internet	80	33	-	120	95
Utilities - Telephone	831	981	1,167	800	680
Utilities - Trash	60	72	88	60	90
Vehicle Maintenance	173	90	-	200	270
	<u>\$ 73,491</u>	<u>\$ 63,197</u>	<u>\$ 66,270</u>	<u>\$ 63,690</u>	<u>\$ 69,589</u>
Capital Outlay	\$ 14,771	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	10,000	10,000
Total Operating Expense	<u>\$ 171,749</u>	<u>\$ 142,988</u>	<u>\$ 148,206</u>	<u>\$ 155,882</u>	<u>\$ 167,777</u>





## *CITY OF ENCINITAS URBAN AND STORMWATER SERVICES*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides operation and maintenance services to the City of Encinitas for the stormwater system. These services include the Urban Runoff Treatment Facility, the Phoebe Stormwater Pump Station, Cardiff Stormwater Diversion Structure, and the Storm Drain Sediment Drying and Disposal Program. The Phoebe Stormwater Pump Station and Urban Runoff Treatment Facility provide services to the City of Encinitas Clean Water Program for the protection of local creek, beach, and lagoon water quality. Under the Storm Drain Sediment Drying and Disposal Program, Member Agencies deliver sediment to the San Elijo Water Campus, where the sediment is dewatered, dried, tested, and disposed at a local landfill. This program is designed to comply with current stormwater best management practices and is intended to reduce the overall disposal cost associated with wet sediment. The actual costs incurred are borne solely by the City of Encinitas.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

The City of Encinitas facilities, which includes the Phoebe Stormwater Pump Station, the Urban Runoff Treatment Facility, Cardiff Stormwater Diversion Structure, and the Storm Drain Sediment Drying and Disposal program, are anticipated to end the year \$4,088 or 11.0% above budget due to the volume of storm drain sediment disposal requested by the City being higher than anticipated. SEJPA supported the City Staff in coordinating the sediment disposal for the Lake Drive sinkhole during the current fiscal year.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

The operating budget for these programs is recommended at \$55,514, which will be approximately \$18,200 or 48.8% above the prior fiscal year budget with \$1,500 contingency funding designated for these programs. The budgeted cost increase is predominantly due to additional sediment disposal service and labor related costs inflation. Additional sediment disposal is anticipated, and operation of a new stormwater pump station at the El Portal undercrossing in Leucadia is included in the increased costs.

## City of Encinitas Urban and Stormwater Services Expense Summary

<b>Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
Personnel	\$ 25,711	\$ 22,025	\$ 23,574	\$ 27,105	\$ 34,423
Supplies and Services	37,971	25,862	17,827	8,709	19,592
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	1,500	1,500
Total Operating Expense	<u>\$ 63,682</u>	<u>\$ 47,887</u>	<u>\$ 41,401</u>	<u>\$ 37,314</u>	<u>\$ 55,514</u>
Storm Drain Pump Stations	\$ 3,194	\$ 3,502	\$ 4,903	\$ 4,410	\$ 11,471
Urban Runoff Station	20,348	21,916	17,743	19,784	22,276
Storm Drain Sediment Drying	40,140	22,469	18,756	13,120	21,768
Total Operating Expense	<u>\$ 63,682</u>	<u>\$ 47,887</u>	<u>\$ 41,401</u>	<u>\$ 37,314</u>	<u>\$ 55,514</u>

*Expense detail continued on next page.*



# City of Encinitas Urban and Stormwater Services Operating Expense Detail

		Actual	Actual	Estimated	Adopted	Recommended
	Operating Expense	2020-21	2021-22	Actual	Budget	Budget
				2022-23	2022-23	2023-24
	<b><u>Personnel</u></b>					
5100	Direct Salaries and Wages	\$ 19,160	\$ 14,886	\$ 14,132	\$ 18,568	\$ 23,383
5105	FICA Tax	3	-	-	-	-
5110	Medicare Tax	295	219	203	264	347
5115	State Unemployment Tax	51	19	22	74	94
5120	Standby Pay	130	46	214	136	202
5130	Overtime Pay	312	105	119	178	250
5142	Dental/Vision	159	133	1,096	184	216
5143	Employee Assistance Program	4	5	10	12	14
5144	Life Insurance/Disability	98	174	117	154	197
5145	Workers Comp. Insurance	216	315	260	352	412
5146	Medical Insurance - Pers	1,589	1,784	2,428	2,311	3,093
5147	Retirement Plan - CalPERS & PARS Trust	2,890	3,680	3,641	3,979	5,044
5149	Deferred Comp-employer	711	569	1,243	768	1,006
5151	Uniforms - Boots	19	9	22	35	49
5155	Payroll Processing Fees	73	81	65	74	99
5159	Other Personnel Costs	1	-	3	16	17
		<u>\$ 25,711</u>	<u>\$ 22,025</u>	<u>\$ 23,574</u>	<u>\$ 27,105</u>	<u>\$ 34,423</u>
	<b><u>Supplies and Services</u></b>					
5210	Advertising	\$ 6	\$ 15	\$ 23	\$ 32	\$ 29
5250	Dues & Memberships	21	26	19	-	-
5280	Fuel	57	86	50	125	175
5290	Insurance - Liability	136	285	1,574	327	430
5293	Insurance - Auto	17	-	-	22	23
5295	Insurance - Property	287	403	598	464	700
5310	Licenses	180	180	1,262	369	315
5370	Minor Equip - Shop & Field	6	-	-	-	-
5320	Postage/Shipping	20	6	3	-	-
5325	Preemployment Screening	6	2	7	5	5
5330	Printing	24	(5)	-	5	5
5340	Rent	7	10	41	8	8
5350	Repair Parts Expense	129	800	94	550	550
5360	Seminars/Education	10	19	78	130	140
5400	Services - Accounting	-	31	-	5,000	-
5403	Services - Grit & Screenings	35,162	17,862	11,870	5,000	-
5404	Services - Engineering	-	4,380	-	-	-
5422	Services - Medical	23	27	32	5	5
5424	Services - Temp	-	2	5	-	-
5425	Services - Other	51	-	0	-	-
5423	Services - Professional	121	24	6	-	-
5416	Services - Uniforms	55	54	68	74	74
5417	Services - Sediment Disposal	-	-	-	-	15,000
5440	Subscriptions	-	11	2	-	-
5510	Subsistence - Meals	-	9	11	-	-
5511	Subsistence - Travel/Rm & Bd	-	3	15	-	-
5606	Supplies - Office	109	68	103	-	105
5614	Supplies - Safety	89	11	23	30	80
5608	Supplies - Shop & Field	120	0	132	33	158
5365	Training	-	92	108	125	140
5367	Training - Safety	20	11	66	80	90
5427	Services - IT/GIS Support	630	611	702	626	1,126
5701	Utilities - Internet	29	11	-	40	35
5702	Utilities - Telephone	581	774	902	603	260
5704	Utilities - Trash	21	24	34	21	35
5735	Vehicle Maintenance	55	30	-	35	105
		<u>\$ 37,972</u>	<u>\$ 25,862</u>	<u>\$ 17,827</u>	<u>\$ 13,709</u>	<u>\$ 19,592</u>
5800	Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
5900	Contingency	-	-	-	1,500	1,500
	<b>Total Operating Expense</b>	<u>\$ 63,683</u>	<u>\$ 47,887</u>	<u>\$ 41,401</u>	<u>\$ 42,314</u>	<u>\$ 55,514</u>
	<b>Storm Drain Pump Stations</b>	\$ 3,194	\$ 3,502	\$ 4,903	\$ 4,410	\$ 11,471
	<b>Urban Runoff Station</b>	20,348	21,916	17,743	19,784	22,276
	<b>Storm Drain Sediment Drying</b>	40,141	22,469	18,756	13,120	21,768
	<b>Total Operating Expense</b>	<u>\$ 63,683</u>	<u>\$ 47,887</u>	<u>\$ 41,401</u>	<u>\$ 37,314</u>	<u>\$ 55,514</u>



## *CITY OF SOLANA BEACH PUMP STATIONS*

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services to the City of Solana Beach. These facilities include the Eden Gardens, Solana Beach, San Elijo Hills, and Fletcher Cove Pump Stations, Low Flow Diverters located at Fletcher Cove and Seascape Sur, as well as the Storm Drain Sediment Drying and Disposal Program. Under the Storm Drain Sediment Drying and Disposal program, Member Agencies deliver sediment to the San Elijo Water Campus, where the sediment is dewatered, dried, tested, and disposed at a local landfill. This program is designed to comply with current stormwater best management practices and is intended to reduce the overall disposal cost associated with wet sediment. The actual costs incurred are paid for by the City of Solana Beach.

### FY 2022-23 ESTIMATED ACTUAL EXPENDITURES

The Solana Beach Pump Stations are expected to be below budget this year by \$22,139 or 5.0%. Both Personnel and Supplies and Services are anticipated to be slightly under budget. Contingency funding is not anticipated to be utilized during the fiscal year.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

Overall, the Solana Beach Pump Stations operating budget is recommended at \$463,275 with the expected increase of \$16,838 or 3.8% above the prior year budget. This increase is primarily due to anticipated inflation across labor, utilities, supplies, and services. Personnel budget is projected to increase by \$9,134 or 3.9%. Supplies and Services is expected to increase \$7,704 or 4.0%. Contingency funding remains the same at \$20,000, which is approximately 10.1% of budgeted Supplies and Services costs for the pump stations. This provides funding for unforeseen events and repairs.

### City of Solana Beach Pump Stations Expense Summary

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 229,084	\$ 208,951	\$ 233,689	\$ 235,439	\$ 244,573
Supplies and Services	176,077	160,434	190,610	190,998	198,702
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	20,000	20,000
Total Operating Expense	\$ 405,161	\$ 369,384	\$ 424,298	\$ 446,437	\$ 463,275
Capital Expenses	25,000	-	-	-	-
Total Expenses	\$ 430,161	\$ 369,384	\$ 424,298	\$ 446,437	\$ 463,275
Eden Gardens Pump Station	\$ 118,469	\$ 124,207	\$ 125,887	\$ 146,094	\$ 150,440
Solana Beach Pump Station	164,616	156,373	213,610	188,100	193,281
San Elijo Hills Pump Station	67,550	61,720	55,689	72,255	77,632
Fletcher Cove Pump Station	23,352	13,240	15,449	20,987	22,258
Storm Drain Sediment Drying	26,873	6,895	7,399	11,207	11,887
Seascape Sur Low Flow Diverter	2,122	4,453	2,348	3,974	3,934
Fletcher Cove Low Flow Diverter	2,179	2,493	3,917	3,820	3,843
Total Operating Expense	\$ 405,161	\$ 369,381	\$ 424,298	\$ 446,437	\$ 463,275

### City of Solana Beach Pump Stations Operating Expense Detail

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Personnel</b>					
Direct Salaries and Wages	\$ 132,362	\$ 115,533	\$ 159,688	\$ 159,998	\$ 165,087
FICA Tax	29	22	-	-	-
Medicare Tax	2,140	1,712	1,558	2,315	2,484
State Unemployment Tax	207	140	176	653	671
Standby Pay	1,253	417	1,880	1,541	1,739
Overtime Pay	3,815	1,991	1,913	2,013	1,948
Dental/Vision	1,547	1,181	877	1,609	1,547
Employee Assistance Program	41	42	88	107	102
Life Insurance/Disability	951	1,511	1,025	1,341	1,409
Workers Comp. Insurance	2,100	3,066	2,275	3,071	2,952
Medical Insurance - Pers	15,485	15,686	21,252	20,209	22,142
Retirement Plan - CalPERS & PARS Trust	63,143	62,513	31,986	34,778	36,104
Deferred Comp-employer	5,107	4,332	10,203	6,709	7,202
Uniforms - Boots	184	80	175	311	349
Payroll Processing Fees	715	725	568	650	708
Other Personnel Costs	4	-	26	134	129
	\$ 229,084	\$ 208,951	\$ 233,689	\$ 235,439	\$ 244,573

Expense detail continued on next page.

## City of Solana Beach Pump Stations Operating Expense

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Supplies and Services</u></b>					
Advertising	\$ 56	\$ 135	\$ 171	\$ 253	\$ 256
Dues & Memberships	185	233	147	-	30
Fees - Permits	5,004	586	2,521	3,600	3,600
Fuel	734	1,685	1,362	1,964	1,325
Insurance - Liability	1,199	2,537	1,434	2,895	3,240
Insurance - Auto	153	-	-	198	190
Insurance - Property	2,538	3,565	4,526	4,107	5,500
Licenses	1,590	1,607	3,858	3,253	2,405
Minor Equip - Shop & Field	2,316	4	-	-	200
Postage/Shipping	33	58	24	20	-
Preemployment Screening	51	17	59	41	41
Printing	214	(42)	-	75	75
Rent	59	91	316	71	71
Repair Parts Expense	14,910	1,558	33,341	14,850	15,510
Seminars/Education	89	174	596	1,140	1,140
Services - Accounting	-	273	-	-	-
Services - Sediment Disposal	-	-	-	-	8,000
Services - Alarm	960	1,496	2,448	1,741	2,190
Services - Grit & Screenings	25,154	7,603	11,984	11,000	3,000
Services - Maintenance	10,304	7,206	5,314	6,050	6,650
Services - Medical	206	237	286	105	180
Services - Other	452	-	0	-	-
Services - Professional	1,067	1,818	42	-	-
Services - Uniforms	488	483	519	650	650
Services - IT/GIS Support	5,580	5,447	5,314	5,584	8,523
Services - Temp	701	19	38	-	-
Services - Testing	-	26	-	-	-
Subscriptions	-	97	19	-	-
Subsistence - Meals	-	85	81	-	-
Subsistence - Travel/Rm & Bd	-	28	111	-	-
Supplies - Chem - Odor (biooxide)	36,131	44,091	29,673	46,000	44,000
Supplies - Office	1,718	238	793	100	795
Supplies - Safety	986	97	224	415	600
Supplies - Shop & Field	1,523	1,508	848	941	941
Training	-	823	820	910	910
Training - Safety	179	97	505	605	605
Utilities - Gas & Electric	56,226	72,053	78,951	78,795	82,500
Utilities - Internet	253	99	-	310	280
Utilities - Telephone	2,553	2,916	3,476	2,430	2,020
Utilities - Trash	190	212	259	190	265
Utilities - Water	1,747	1,007	552	2,200	2,200
Vehicle Maintenance	527	263	-	505	810
	<u>\$ 176,078</u>	<u>\$ 160,431</u>	<u>\$ 190,610</u>	<u>\$ 190,998</u>	<u>\$ 198,702</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	20,000	20,000
Total Operating Expense	<u>\$ 405,161</u>	<u>\$ 369,382</u>	<u>\$ 424,299</u>	<u>\$ 446,437</u>	<u>\$ 463,275</u>
Eden Gardens Pump Station	\$ 118,469	\$ 124,207	\$ 125,887	\$ 146,094	\$ 150,440
Solana Beach Pump Station	164,616	156,373	213,610	188,100	193,281
San Elijo Hills Pump Station	67,550	61,720	55,689	72,255	77,632
Fletcher Cove Pump Station	23,352	13,240	15,449	20,987	22,258
Storm Drain Sediment Drying	26,873	6,895	7,399	11,207	11,887
Seascape Sur Low Flow Diverter	2,122	4,453	2,348	3,974	3,934
Fletcher Cove Low Flow Diverter	2,179	2,493	3,917	3,820	3,843
Total Operating Expense	<u>\$ 405,161</u>	<u>\$ 369,382</u>	<u>\$ 424,299</u>	<u>\$ 446,437</u>	<u>\$ 463,275</u>





## CITY OF SOLANA BEACH GENERATOR MAINTENANCE SERVICES

### PROGRAM DESCRIPTION

Under this program, SEJPA provides generator maintenance services to the City of Solana Beach. The generators are located at the Solana Beach City Hall and the Lomas Santa Fe Fire Station. The actual costs incurred are borne solely by the City of Solana Beach.

### FY 2022-23 ESTIMATED ACTUAL EXPENDITURES

The Solana Beach Generator Maintenance Services are expected to be \$1,154 or 7.8% under budget. Both Personnel and Supplies and Services are anticipated to be under budget.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

The recommended budget is similar to prior year at \$15,507. This amount reflects the anticipated inflation in maintenance and other services costs.

### *City of Solana Beach Generator Maintenance Services Expense Summary*

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 5,353	\$ 5,068	\$ 7,454	\$ 7,582	\$ 7,383
Supplies and Services	4,072	3,418	6,276	7,302	8,124
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	-	-
Total Operating Expense	<u>\$ 9,425</u>	<u>\$ 8,486</u>	<u>\$ 13,730</u>	<u>\$ 14,884</u>	<u>\$ 15,507</u>
SB City Hall Generator	\$ 3,954	\$ 4,130	\$ 6,938	\$ 6,745	\$ 7,308
SB Lomas SF Fire Generator	5,471	4,356	6,793	8,139	8,199
Total Operating Expense	<u>\$ 9,425</u>	<u>\$ 8,486</u>	<u>\$ 13,730</u>	<u>\$ 14,884</u>	<u>\$ 15,507</u>



*City of Solana Beach Generator Maintenance Services Operating Expense Detail*

<b>Operating Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 3,554	\$ 3,063	\$ 5,200	\$ 5,160	\$ 5,012
Medicare Tax	57	47	33	75	75
State Unemployment Tax	6	3	7	22	20
Standby Pay	38	14	56	38	45
Overtime Pay	97	20	18	55	56
Dental/Vision	46	40	51	52	46
Employee Assistance Program	1	1	3	4	4
Life Insurance/Disability	28	53	30	44	42
Workers Comp. Insurance	63	91	66	100	89
Medical Insurance - Pers	461	537	624	654	663
Retirement Plan - CalPERS & PARS Trust	839	1,052	1,042	1,126	1,081
Deferred Comp-employer	135	120	300	217	215
Uniforms - Boots	6	3	7	10	10
Payroll Processing Fees	21	24	17	21	21
Other Personnel Costs	-	-	1	4	4
	<u>\$ 5,353</u>	<u>\$ 5,069</u>	<u>\$ 7,454</u>	<u>\$ 7,582</u>	<u>\$ 7,383</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 2	\$ 4	\$ 6	\$ 8	\$ 8
Dues & Memberships	6	8	6	-	-
Fuel	62	222	94	30	50
Insurance - Liability	36	81	82	88	120
Insurance - Auto	5	-	-	6	7
Insurance - Property	77	108	171	125	200
Licenses	48	52	4	98	90
Postage/Shipping	1	2	1	-	-
Preemployment Screening	2	1	2	2	2
Printing	6	(1)	-	-	-
Rent	2	3	12	2	2
Repair Parts Expense	326	136	13	440	440
Seminars/Education	3	6	23	30	30
Training	-	27	31	30	30
Training - Safety	5	3	19	20	20
Minor Equip - Shop & Field	2	-	-	-	-
Services - Accounting	-	9	-	-	-
Services - Engineering	631	-	-	-	-
Services - Maintenance	2,469	2,469	5,478	6,143	6,580
Services - Uniforms	15	16	19	20	20
Services - Medical	6	8	8	-	-
Services - Professional	32	7	2	-	-
Services - Other	15	-	-	-	-
Services - Professional IT Support	169	177	201	182	322
Services - Temp	-	1	1	-	-
Subscriptions	-	3	1	-	-
Subsistence - Meals	-	3	3	-	-
Subsistence - Travel/Rm & Bd	-	1	4	-	-
Supplies - Office	29	20	30	-	30
Supplies - Shop & Field	32	0	2	22	22
Supplies - Safety	24	3	7	10	20
Utilities - Internet	8	3	-	10	10
Utilities - Telephone	37	30	47	20	80
Utilities - Trash	6	7	10	6	10
Vehicle Maintenance	16	9	-	10	30
	<u>\$ 4,072</u>	<u>\$ 3,417</u>	<u>\$ 6,276</u>	<u>\$ 7,302</u>	<u>\$ 8,124</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-
<b>Total Operating Expense</b>	<u><u>\$ 9,425</u></u>	<u><u>\$ 8,486</u></u>	<u><u>\$ 13,730</u></u>	<u><u>\$ 14,884</u></u>	<u><u>\$ 15,507</u></u>
 SB City Hall Generator	 \$ 3,954	 \$ 4,130	 \$ 6,938	 \$ 6,745	 \$ 7,308
SB Lomas SF Fire Generator	5,471	4,356	6,793	8,139	8,199
<b>Total Operating Expense</b>	<u><u>\$ 9,425</u></u>	<u><u>\$ 8,486</u></u>	<u><u>\$ 13,730</u></u>	<u><u>\$ 14,884</u></u>	<u><u>\$ 15,507</u></u>



## CITY OF DEL MAR PUMP STATION

### PROGRAM DESCRIPTION

Under this program, SEJPA provides pump station operation and maintenance services that include daily pump station review, after-hours alarm monitoring and emergency response, equipment preventative maintenance, quarterly generator service, PLC programming, instrumentation calibration, wet well cleaning, and disposal of wastewater collection sediment for the City of Del Mar. Any additional pump station services requested by the City of Del Mar are captured in this program. The actual costs incurred are borne solely by the City of Del Mar.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

The program is forecast to be under budget by \$3,478 or 5.6% mainly due to unspent contingency funding of \$2,000. Both Personnel and Supplies and Services are anticipated to be slightly under budget. Contingency funding is not anticipated to be utilized during the fiscal year.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

The budget for FY 2023-24 is expected to increase by \$4,504 or 7.3% to \$66,392. This increase is primarily due to anticipated inflation across labor, supplies, and services.

### City of Del Mar Pump Station Expense Summary

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 40,728	\$ 43,354	\$ 44,164	\$ 45,122	\$ 46,520
Supplies and Services	10,714	6,210	14,246	14,766	17,872
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	2,000	2,000
Total Operating Expense	<u>\$ 51,442</u>	<u>\$ 49,565</u>	<u>\$ 58,410</u>	<u>\$ 61,888</u>	<u>\$ 66,392</u>

# City of Del Mar Pump Station Operating Cost Detail

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ 29,223	\$ 30,091	\$ 28,784	\$ 30,787	\$ 31,061
Medicare Tax	469	542	426	444	463
State Unemployment Tax	52	33	46	125	125
Standby Pay	227	79	357	223	315
Overtime Pay	665	451	915	314	1,014
Dental/Vision	282	228	333	309	289
Employee Assistance Program	7	8	17	21	19
Life Insurance/Disability	173	297	195	257	263
Workers Comp. Insurance	383	558	433	589	550
Medical Insurance - Pers	2,820	3,023	4,048	3,879	4,127
Retirement Plan - CalPERS & PARS Trust	5,129	6,744	6,139	6,676	6,730
Deferred Comp-employer	1,128	1,144	2,312	1,288	1,342
Uniforms - Boots	33	16	45	59	65
Payroll Processing Fees	130	140	108	125	132
Other Personnel Costs	2	-	6	26	24
	<u>\$ 40,723</u>	<u>\$ 43,356</u>	<u>\$ 44,165</u>	<u>\$ 45,122</u>	<u>\$ 46,520</u>
<b><u>Supplies and Services</u></b>					
Advertising	\$ 13	\$ 31	\$ 45	\$ 58	\$ 58
Dues & Memberships	42	53	39	-	-
Fuel	362	475	742	671	350
Insurance - Liability	271	576	550	654	850
Insurance - Auto	35	-	-	45	50
Insurance - Property	574	806	1,195	928	1,500
Licenses	359	367	1,281	736	630
Postage/Shipping	8	13	6	-	-
Preemployment Screening	12	4	15	9	9
Printing	48	(10)	-	15	15
Rent	13	21	83	16	16
Repair Parts Expense	352	317	269	2,500	2,500
Seminars/Education	20	40	157	200	200
Services - Accounting	-	62	-	-	-
Services - Sediment Disposal	-	-	-	-	500
Services - Alarm	-	-	-	750	750
Services - Grit & Screenings	2,500	387	198	3,900	3,900
Services - Maintenance	2,616	869	6,848	1,700	1,700
Services - IT/GIS Support	1,261	1,238	1,404	869	2,251
Services - Medical	47	46	55	20	60
Services - Professional	241	50	11	-	-
Services - Temp	-	4	10	-	-
Services-Other	103	-	0	-	-
Services - Uniforms	109	110	136	147	147
Subscriptions	-	22	5	-	-
Subsistence - Meals	-	19	21	-	-
Subsistence - Travel/Rm & Bd	-	6	29	-	-
Supplies - Office	218	140	209	15	210
Supplies - Safety	177	22	46	5	150
Supplies - Shop & Field	242	1	147	440	440
Training	-	187	217	300	300
Training - Safety	40	22	133	200	200
Minor Equip - Shop & Field	579	1	-	-	200
Utilities - Internet	57	22	-	25	75
Utilities - Telephone	277	203	326	400	530
Utilities - Trash	43	48	68	43	70
Vehicle Maintenance	97	58	-	120	210
	<u>\$ 10,717</u>	<u>\$ 6,210</u>	<u>\$ 14,246</u>	<u>\$ 14,766</u>	<u>\$ 17,872</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	2,000	2,000
Total Operating Cost	<u>\$ 51,440</u>	<u>\$ 49,566</u>	<u>\$ 58,411</u>	<u>\$ 61,888</u>	<u>\$ 66,392</u>



## 22ND DISTRICT AGRICULTURAL ASSOCIATION (DEL MAR FAIRGROUNDS)

### PROGRAM DESCRIPTION

This is a new program developed in FY 2022-23 to support the Del Mar Fairgrounds with their Infield Treatment system. SEJPA staff will conduct weekly treatment system and pump station review, after-hours alarm monitoring and emergency response, equipment preventative maintenance, PLC programming, instrumentation calibration, and rotating drum filter maintenance. Any additional services requested by the Fairgrounds Staff are captured in this program. The actual costs incurred are borne solely by the Del Mar Fairgrounds.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

This new program is expected to end the year over budget by \$19,564 or 16.3%. Supplies and Services are over budget due to additional scope of work related to remote SCADA monitoring support that was reimbursed by the Del Mar Fairgrounds.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

The budget for FY 2023-24 is projected to be \$136,953, which is \$16,953 or 14.1% higher than last year due to anticipated inflation in labor related cost and additional scope of work not included in the previous budget. The effort required by Personnel in support of the Fairgrounds staff at the treatment system will be carefully reviewed throughout the year and adjusted as required.

### *Del Mar Fairgrounds Expense Summary*

<b>Expense</b>	<b>Actual 2020-21</b>	<b>Actual 2021-22</b>	<b>Estimated Actual 2022-23</b>	<b>Adopted Budget 2022-23</b>	<b>Recommended Budget 2023-24</b>
Personnel	\$ -	\$ 6,559	\$ 129,051	\$ 113,687	\$ 125,680
Supplies and Services	-	1,787	10,513	6,313	11,273
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	-	-
Total Operating Expense	\$ -	\$ 8,345	\$ 139,564	\$ 120,000	\$ 136,953



## Del Mar Fairgrounds Operating Expense Detail

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Operating Expense</b>					
<b><u>Personnel</u></b>					
Direct Salaries and Wages	\$ -	\$ 6,298	\$ 93,066	\$ 77,916	\$ 85,376
Medicare Tax	-	-	1,313	1,102	1,258
State Unemployment Tax	-	-	311	311	340
Standby Pay	-	-	657	657	909
Overtime Pay	-	-	879	879	1,024
Dental/Vision	-	-	767	767	784
Employee Assistance Program	-	-	51	51	52
Life Insurance/Disability	-	-	639	639	714
Workers Comp. Insurance	-	-	1,462	1,462	1,494
Medical Insurance - Pers	-	-	9,624	9,624	11,209
Retirement Plan - CalPERS & PARS Trust	-	-	16,564	16,564	18,276
Deferred Comp-employer	-	261	3,718	3,195	3,645
Uniforms - Boots	-	-	-	147	176
Payroll Processing Fees	-	-	-	309	358
Other Personnel Costs	-	-	-	64	65
	<u>\$ -</u>	<u>\$ 6,559</u>	<u>\$ 129,051</u>	<u>\$ 113,687</u>	<u>\$ 125,680</u>
<b><u>Supplies and Services</u></b>					
Fuel	\$ -	\$ -	\$ -	\$ 678	\$ 720
Services - Alarm	-	-	-	582	617
Services - IT/GIS Support	-	-	-	685	5,451
Supplies - Shop & Field	-	-	1,143	744	789
Repair Parts Expense	-	1,787	7,170	-	-
Training	-	-	-	243	258
Training - Safety	-	-	-	321	340
Minor Equip - Shop & Field	-	-	1,000	1,048	1,110
Utilities - Telephone	-	-	-	295	313
Vehicle Maintenance	-	-	1,200	1,717	1,675
	<u>\$ -</u>	<u>\$ 1,787</u>	<u>\$ 10,513</u>	<u>\$ 6,313</u>	<u>\$ 11,273</u>
Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	-	-	-	-	-
Total Operating Expense	<u>\$ -</u>	<u>\$ 8,345</u>	<u>\$ 139,564</u>	<u>\$ 120,000</u>	<u>\$ 136,953</u>





## LEUCADIA WASTEWATER DISTRICT (WWD) TECHNICAL SUPPORT SERVICES

### PROGRAM DESCRIPTION

This is a new program developed to support the Leucadia Wastewater District (WWD) with Technical Support Services for the Forest R. Gafner Water Reclamation Facility (Gafner Facility). The actual costs incurred are borne solely by the Leucadia WWD.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

This new program began in November 2022. No funds were Budgeted in FY 2022-23.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

The budget for FY 2023-24 is projected to be \$22,800 for personnel only. The effort required by Personnel in support of the Leucadia WWD staff at the Gafner Facility will be carefully reviewed throughout the year and adjusted as required.

### Leucadia WWD Technical Support Services Expense Summary

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ -	\$ -	\$ 15,200	\$ -	22,800
Supplies and Services	-	-	-	-	-
Capital Outlay	-	-	-	-	-
Contingency	-	-	-	-	-
Total Operating Expense	\$ -	\$ -	\$ 15,200	\$ -	\$ 22,800

### Leucadia WWD Technical Support Services Operating Expense Detail

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Personnel</b>					
Direct Salaries and Wages	\$ -	\$ -	\$ 15,200	\$ -	\$ 22,800
Total Operating Expense	\$ -	\$ -	\$ 15,200	\$ -	\$ 22,800



## RECYCLED WATER

### PROGRAM DESCRIPTION

SEJPA owns and operates a recycled water utility which wholesales recycled water to Santa Fe Irrigation District (SFID), San Dieguito Water District (SDWD), City of Del Mar, and Olivenhain Municipal Water District (OMWD), and includes a direct sales agreement with Encinitas Ranch Golf Authority (ERGA). SEJPA financed, permitted, and constructed the recycled water utility, which became operational in September 2000. Since the addition of the Advanced Water Purification (AWP) system in 2013, SEJPA's Recycled Water program delivers up to 3 million gallons per day or nearly 2,000 acre-feet per year (AFY) of recycled water. Local customers that use the recycled water for landscape irrigation include the Encinitas Ranch Golf Course, Lomas Santa Fe Executive and Country Club Golf Courses, Magdalena Ecke Family YMCA, Del Mar Fairgrounds, Village Park greenbelt, local schools, parks, businesses, and street/freeway landscape. Industrial use customers include Scripps Hospital, the Del Mar Fairgrounds, and the San Elijo Water Campus. FY 2023-24 begins the 23rd year of operation for the Recycled Water program.

### FY 2022-23 ESTIMATED ACTUAL EXPENSE

Recycled Water program's estimated expenditures are projected to be under budget by \$11,751 or 0.4%. The Supplies and Services expense is over budget by \$40,196 or 2.9% predominantly due to three emergency repairs to the recycled water pipeline and the increase in chemical and utility costs due to rate increases and additional water sales. This will be covered by the contingency fund.

### FY 2023-24 RECOMMENDED EXPENSE BUDGET

For FY 2023-24, the recommended budget is \$8,173,135 including \$2,720,132 operating budget and \$4,450,000 capital budget, and \$1,003,003 debt services budget. The Recycled Water operating budget is recommended at an increase of \$370,719 or 15.8%. Personnel costs are planned to increase by \$71,197 or 8.1% to reflect inflation to personnel and current work demands. Supplies and Services are estimated to increase by \$309,522 or 22.5% primarily due to high inflation to chemical and utility costs. Capital Outlay is set at \$40,000 for anticipated equipment replacement. Contingency funding has been set at \$50,000 or 3.0% of Supplies and Services costs to provide funding for unplanned expenses.

## Recycled Water Expense Summary

Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Personnel	\$ 556,253	\$ 690,573	\$ 865,257	\$ 874,202	\$ 945,399
Supplies and Services	1,425,062	1,186,814	1,415,406	1,375,211	1,684,733
Capital Outlay	-	14,936	49,898	50,000	40,000
Contingency	-	-	-	50,000	50,000
Total Operating Expense	\$ 1,981,314	\$ 1,892,323	\$ 2,330,562	\$ 2,349,413	\$ 2,720,132
Capital Expenses	280,000	500,000	500,000	500,000	4,450,000
Total Operating and Capital Expenses	\$ 2,261,314	\$ 2,392,323	\$ 2,830,562	\$ 2,849,413	\$ 7,170,132
Debt Service					
Recycled Water CIP (Phase 4)	-	-	-	\$ -	\$ 800,000
Advanced Water Purification	148,153	148,153	148,153	148,153	148,153
SFID Pipeline Loan	18,038	25,146	45,500	37,500	44,500
Solana Beach Pipeline Loan	36,135	9,630	10,350	11,250	10,350
Total Debt Service	\$ 1,037,003	\$ 182,929	\$ 204,003	\$ 196,903	\$ 1,003,003
<b>Total Expenses</b>	<b>\$ 3,298,317</b>	<b>\$ 2,575,252</b>	<b>\$ 3,034,565</b>	<b>\$ 3,046,316</b>	<b>\$ 8,173,135</b>



### EVERY DROP COUNTS

To help keep our communities green, SEJPA provides recycled water to schools, parks, businesses, homeowners associations, and golf courses for irrigation. This conserves local water supplies and limits our dependencies on imported water.



## Recycled Water Operating Expense Detail

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Personnel</b>					
Direct Salaries and Wages	\$ 372,896	\$ 460,512	\$ 596,433	\$ 598,040	\$ 635,518
FICA Tax	95	(9)	-	-	-
Medicare Tax	6,069	7,116	6,363	8,208	9,434
State Unemployment Tax	600	544	591	2,313	2,552
Standby Pay	3,612	2,904	6,634	6,841	8,900
Overtime Pay	16,576	20,127	22,059	14,433	13,130
Dental/Vision	4,461	3,605	6,136	5,710	5,879
Employee Assistance Program	118	131	274	381	392
Life Insurance/Disability	2,743	4,670	3,627	4,755	5,353
Workers Comp. Insurance	6,058	8,844	8,048	10,887	11,210
Medical Insurance - Pers	44,660	44,495	74,606	71,651	84,083
Retirement Plan - CalPERS & PARS Trust	81,151	117,165	102,837	123,316	137,104
Deferred Comp-employer	14,615	17,916	34,968	23,790	27,346
Uniforms - Boots	530	360	589	1,098	1,323
Payroll Processing Fees	2,062	2,193	2,002	2,303	2,685
Other Personnel Costs	7	-	90	476	490
	<u>\$ 556,254</u>	<u>\$ 690,574</u>	<u>\$ 865,258</u>	<u>\$ 874,202</u>	<u>\$ 945,399</u>

Expense detail continued on next page.



### BEAUTIFYING COMMUNITIES

SEJPA's recycled water brings landscapes to life throughout Encinitas, Solana Beach, and Del Mar. The Coastal Rail Trail, irrigated with recycled water, wanders through colorful displays of drought-tolerant plants.

# Recycled Water Operating Expense Detail Continued

Operating Expense	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Supplies and Services</b>					
Board Expense	\$ 168	\$ -	\$ -	\$ 816	\$ 800
Advertising	148	558	576	672	672
Dues & Memberships	8,026	9,106	9,360	7,800	9,500
Equipment Rental/Lease	-	-	-	1,000	-
Fees - Permits	25,348	26,313	32,214	28,000	33,000
Fuel	3,072	5,548	5,591	5,063	9,450
Insurance - Liability	3,135	7,276	8,688	7,631	10,900
Insurance - Auto	404	822	830	520	600
Insurance - Property	6,691	9,396	15,199	10,827	18,000
Licenses	19,269	25,691	4,132	8,594	19,450
Minor Equip - Shop & Field	4,789	5,134	644	3,300	3,300
Postage/Shipping	272	174	81	200	750
Preemployment Screening	136	52	196	109	200
Printing	564	(111)	-	200	200
Rent	138,485	125,643	135,958	123,750	127,350
Repair Parts Expense	27,330	62,387	104,489	55,000	55,000
Retrofit Expenses	-	24,713	-	105,000	105,000
Seminars/Education	783	677	4,443	3,400	4,500
Services - Accounting	7,686	12,676	11,135	10,500	10,800
Services - Landscape	-	-	1,550	19,627	19,627
Services - Alarm	3,100	2,719	2,720	4,100	4,100
Services - Engineering	256,848	52,072	74,392	76,250	123,750
Services - Janitorial	-	-	3,000	3,120	10,500
Services - Fire Control	-	-	-	2,000	2,000
Services - Laboratory	6,122	6,718	5,540	7,500	7,500
Services - Legal	6,580	14,749	2,190	23,000	21,900
Services - Lobbying	19,926	21,088	9,750	19,500	20,000
Services - Maintenance	35,803	33,658	13,518	36,000	36,000
Services - Medical	741	734	1,004	400	1,000
Services - Other	1,404	138	1	300	300
Services - Professional	247,299	25,139	45,814	82,250	68,500
Services - IT/GIS Support	14,706	16,161	17,848	16,564	28,625
Services - Contractors	-	15,675	51,575	22,000	24,200
Services - Temp	23,847	21,740	18,334	26,699	41,154
Services - Uniforms	1,299	1,461	1,727	1,719	1,719
Subscriptions	302	298	64	50	360
Subsistence - Meals	23	282	270	900	750
Subsistence - Travel/Rm & Bd	11	84	372	3,000	1,500
Supplies - Chem - Odor	4,687	18,204	37,546	11,200	-
Supplies - Chem - Polymer	4,965	2,909	12,312	10,000	10,000
Supplies - Chem - Sodium Hypo	58,549	75,369	168,113	110,000	181,305
Supplies - Chemicals	17,822	116,471	88,304	140,000	151,200
Supplies - Janitorial	-	-	-	-	1,000
Supplies - Lab	7,440	8,292	435	10,000	10,000
Supplies - Office	2,573	2,663	3,177	1,000	2,670
Supplies - Safety	2,497	308	755	900	2,000
Supplies - Shop & Field	5,020	3,093	5,135	4,500	4,500
Training	5	2,499	2,753	2,800	2,800
Training - Safety	472	294	1,694	1,300	1,700
Utilities - Gas & Electric	410,664	382,520	406,718	255,011	410,000
Utilities - Internet	666	646	-	850	960
Utilities - Telephone	11,140	11,388	10,698	10,250	6,800
Utilities - Water	-	5,191	10,123	6,750	6,750
Utilities - Water (Suppl.)	26,942	26,755	34,363	16,500	16,500
Utilities - Trash	500	637	869	500	890
Utilities - Solar Power	-	-	48,625	74,589	50,000
Vehicle Maintenance	6,803	804	582	1,700	2,700
	<u>\$ 1,425,065</u>	<u>\$ 1,186,814</u>	<u>\$ 1,415,406</u>	<u>\$ 1,375,211</u>	<u>\$ 1,684,733</u>
Capital Outlay	\$ -	\$ 14,936	\$ 49,898	\$ 50,000	\$ 40,000
Contingency	-	-	-	50,000	50,000
Total Operating Expense	<u>\$ 1,981,318</u>	<u>\$ 1,892,323</u>	<u>\$ 2,330,563</u>	<u>\$ 2,349,413</u>	<u>\$ 2,720,132</u>



Environmental  
Stewardship

Strong Permit  
Compliance

Community  
Investments

Safety and  
Reliability

Sustainable  
Resource  
Management

## CAPITAL PROGRAMS

### *CAPITAL IMPROVEMENT PROGRAM (CIP) OVERVIEW*

SEJPA's Capital Improvement Program (CIP) prioritizes environmental protection and public safety when developing and ranking agency infrastructure needs. We strive to replace aging assets prior to failure or significant decline in service performance, as well as to invest in energy efficiency and sustainable practices. Over the last five years, key capital projects included:

- Upgrading pretreatment systems to improve performance during intense storms, increase operational efficiency, and allow the capture and reuse of stormwater;
- Expanding our recycled water system to decrease reliance on imported water and improve local sustainability;
- Replacing the land portion of the ocean outfall system to ensure treated flows safely reach the ocean;
- Modernizing the Water Campus to meet the needs of our agency, improve public access, and provide beneficial amenities to the communities we serve;
- Upgrades to SEJPA's Supervisory, Control, and Data Acquisition (SCADA) system and operator control space;
- Building 600 kW photovoltaic solar energy system to meet up to 25% of the water campus power needs with renewable energy.

SEJPA is responsible for maintaining permit compliance with regulatory agencies and legal agreements with customers to provide wastewater, recycled water, and clean water services. Proactive asset management and capital improvement planning are critical components in keeping these commitments. SEJPA employs a "triple-bottom line" approach to prioritize and weight projects to compare each project against the other and confirm SEJPA achieves balanced, value-added results for environmental, financial, and social goals.



## ENVIRONMENTAL 35%

Meet permit requirements and minimize risk of violations. Seek sustainable and efficient operational practices, maximize resource recovery, and minimize impacts to the environment.



## FINANCIAL 30%

Implement economically-feasible projects and solutions. Maximize economic benefits for customers through cost-effective operations.



## SOCIAL 35%

Maintain a high standard of worker safety and maximize community benefits through improved aesthetics and recreational uses.

In 2017, SEJPA successfully secured \$23.9 million in a bond offering to fund most of the recommended capital projects. Staff bundled the projects into four phases to prioritize capital spending, streamline project delivery, minimize community impacts, and reduce cost through economies of scale. The highest priority projects went into construction in 2017. The first two phases of the capital plan have been completed and the third phase (Biosolids Dewatering Facilities Improvement and MS-2 Replacement) is entering construction. Completed Phases 1 and 2, and ongoing Phase 3 are estimated to cost \$49.7 million. The figure below presents the first three phases of the 2017-2025 Capital Program.



During FY 2022-23, SEJPA Staff and Board reviewed and reached consensus on four prioritized projects for Phase 4 of the Capital Program to be completed over an approximate 30-month period starting Summer 2023 through Fall 2025. Project descriptions and funding appropriations are further discussed below. In FY 2023-24, SEJPA will also be updating its Facility Plan to identify, prioritize, and plan for the next generation of investments in SEJPA assets. Future projects will maintain and improve infrastructure related to wastewater treatment, laboratory services, ocean outfall, wastewater pump stations, and recycled water including expanded non-potable service and foundational improvements to support Potable Reuse in the future.

## CAPITAL PROGRAM PROJECT APPROPRIATION SUMMARY

The Capital Program is organized by SEJPA service programs, as costs are incurred through those programs and the respective member and customer agencies fund the capital projects. Details of the capital projects are presented in the following subsections. Where projects benefit multiple programs, costs are shared proportionally. Below is a table listing the appropriations for FY 2023-24.

Program	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Wastewater Treatment	\$ 1,070,000	\$ 1,240,000	\$ 1,260,000	\$ 1,260,000	\$ 1,225,000
Laboratory Services	-	-	120,000	120,000	120,000
Ocean Outfall	185,000	120,000	175,000	175,000	100,000
Cardiff Sanitary Division Pump Stations	170,000	-	-	-	75,000
Encinitas Sanitary Division Pump Station	-	375,000	1,125,000	1,125,000	600,000
City of Solana Beach Pump Stations	25,000	-	-	-	-
Recycled Water	280,000	500,000	500,000	500,000	4,450,000
Total Capital Expense	<u>\$ 1,730,000</u>	<u>\$ 2,235,000</u>	<u>\$ 3,180,000</u>	<u>\$ 3,180,000</u>	<u>\$ 6,570,000</u>

## WASTEWATER TREATMENT PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Biosolids Dewatering (Phase 3)	\$ 870,000	\$ 1,040,000	\$ 1,060,000	\$ 1,060,000	\$ -
Miscellaneous Projects	200,000	200,000	200,000	200,000	350,000
Stormwater Capture and Reuse	-	-	-	-	350,000
Biological Treatment Improvements (NDN & CCT)	-	-	-	-	525,000
Total Capital Expense	<u>\$ 1,070,000</u>	<u>\$ 1,240,000</u>	<u>\$ 1,260,000</u>	<u>\$ 1,260,000</u>	<u>\$ 1,225,000</u>

## PHASE 3 – BIOSOLIDS DEWATERING FACILITIES IMPROVEMENT (AND MS-2 REPLACEMENT) PROJECT

The Solids Treatment Project was bid and awarded in January 2023, with construction projected to be complete by Spring 2025. The estimated value of the Biosolids Dewatering and MS-2 Replacement Project is \$12.1 million, including capitalized soft costs (i.e., engineering, design, bidding services, legal, and SEJPA staff). The project will replace the dewatering belt-presses with new centrifuges, rehabilitate and replace corroded steel and sludge handling equipment, replace chemical storage and pumping equipment, and other related improvements. During final design, Main Switchboard No. 2 (MS-2) was determined to be at the end of its service life and reaching obsolescence – it will also be replaced with this Project. The entire \$12.1 million estimated project cost is funded from capital cash received in prior years.

## PHASE 4 – BIOLOGICAL TREATMENT IMPROVEMENTS (NDN)

The Biological Treatment Improvements Project consists of two main components: (1) converting the secondary treatment system to a more robust nitrification/denitrification (NDN) process to remove nutrients, and (2) retrofit and rerating of the chlorine contact tank (CCT). The Wastewater Program will share the cost of the NDN upgrades

with the Recycled Water Program, as this improvement will produce more reliable and higher quality effluent that benefits both wastewater treatment/disposal and recycled water production. The second component, retrofitting and rerating the CCT will be borne solely by the Recycled Water Program. The improved biological treatment preemptively prepares for anticipated nutrient limits on ocean outfall flows and will provide more robust treatment to allow the secondary process to better handle the increasingly variable wastewater strength and hydraulic loading experienced in recent years at the SEWC. The project is estimated to cost \$10 million, and SEJPA anticipates this project being eligible for a federal grant on the order of \$2.5 million under a Federal program for expanding recycled water production. The Project will be financed with a private placement loan of approximately \$10 million through the Recycled Water Program to smooth cash flow, as the grant funding will likely be received after the project is completed and to reduce the burden on wastewater funds. The Wastewater Program's share of the overall project is budgeted at \$3 million, plus project delivery support costs (estimated at \$0.106 million), and will be collected through an interfund loan over a four-year period, starting in FY 2023-24.

## PHASE 4 – STORMWATER CAPTURE AND REUSE

The SEJPA Stormwater Capture and Reuse Project is intended to reduce pollution to the San Elijo Lagoon and Pacific Ocean and capture stormwater to augment water supply to the recycled water system. The project will also improve site drainage to manage runoff and align with industrial stormwater permit requirements. The project is envisioned to include stormwater interceptors, desilting basins, up to two pump stations and other ancillary equipment to capture and treat approximately 7 million gallons per year. The project budget is \$2,000,000, plus project delivery support costs (estimated at \$0.1 million) and is expected to be funded primarily by grant funding, estimated at up to \$1.4 million. This project includes elements not completed with the Water Campus Improvement project and will be designed and constructed over the next two years.

The cost of this Project which benefits the entire Water Campus will be shared between the Recycled Water Program and Wastewater Program. The Wastewater Program's portion is budgeted at \$0.35 million (net of grant funding), and will be collected over a four-year period, starting in FY 2023-24.

## MISCELLANEOUS PROJECTS

SEJPA continuously assesses its assets and implements capital projects to maximize equipment useful service life, enhance process automation, address safety issues, and improve treatment quality. These facility needs will be evaluated, prioritized and implementation plans developed in conjunction with the forthcoming Facility Plan Update and upcoming capital projects. SEJPA will be completing several small capital projects to maximize equipment useful service life, enhance process automation, and improve treatment quality. Examples of Small Capital Projects anticipated for the FY 2023-24 Budget include rehabilitating Dissolved Air Floatation Thickener (DAFT) #1 (note, DAFT#2 was rehabilitated in FY 2022-23), modifications to headworks channel cover plate system to address identified safety concerns, and implementing biogas treatment so it can be utilized in the boilers for digester heating. SEJPA is budgeting \$0.35 million for these small capital projects.

## LABORATORY SERVICES PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Laboratory Remodel	\$ -	\$ -	\$ 120,000	\$ 120,000	\$ 120,000
Total Capital Expense	\$ -	\$ -	\$ 120,000	\$ 120,000	\$ 120,000

The current laboratory casework has been in use for more than 30 years and has significant signs of corrosion and deterioration. Although the building code has no significant requirements on corroding surfaces, the laboratory casework, counters, furniture, and ventilation equipment has been recommended for replacement due to age and increased maintenance requirements. In preparation for a laboratory remodeling project, in FY 2022-23 SEJPA collected \$120,000 and a second installment of \$120,000 is budgeted for FY 2023-24. SEJPA has retained an architect to help with condition assessment, needs analysis, and to develop a scope and budget for the Project in the coming year.

## OCEAN OUTFALL PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Outfall Reserve	\$ 185,000	\$ 120,000	\$ 25,000	\$ 25,000	\$ 50,000
Escondido Vault Rehabilitation	-	-	150,000	150,000	50,000
Total Capital Expense	\$ 185,000	\$ 120,000	\$ 175,000	\$ 175,000	\$ 100,000

### OUTFALL RESERVE

The San Elijo Ocean Outfall system is critical regional infrastructure that serves SEJPA and the City of Escondido. This infrastructure includes pressure regulating and isolation valves, ocean discharge pumps, flow measuring meters, 2,600 feet of land outfall pipeline, 8,000 feet of ocean outfall pipe, system automation and monitoring components, and support structures and rock ballast that hold the outfall stationary on the ocean floor. The outfall conveys an average of approximately 10 million gallons per day (MGD) with peak flows during storm events of up to 25.5 MGD. The Outfall Reserve is a capital reserve account dedicated for repair and replacement activities associated with the San Elijo Ocean Outfall system. Due to ocean currents and sand movement on the ocean floor, the rock ballast that protects the outfall generally requires to be replenished every 15-20 years. Re-ballasting and diffuser maintenance was completed most recently in 2006 – a comparable scope is anticipated to cost \$3.9 million today (in 2023 dollars). SEJPA completed an inspection of the outfall in 2021 that found the ballast rock was adequately supporting the outfall, however ballast rock can be affected by a single significant ocean swell. The Outfall Reserve balance totals a little over \$1.6 million. Collecting reserve funding over time helps smooth the rates while building up funds required to complete the work when it becomes necessary.

### ESCONDIDO VAULT REHABILITATION PROJECT

As part of the Ocean Outfall system, SEJPA operates and maintains flow metering and water quality monitoring equipment inside a below-ground, concrete structure on Manchester Avenue near the Water Campus driveway. The vault was initially installed in 1974 and modified in 1999 to include a second flow meter. The original 1974 flow meter and valves have reached the end of useful life and this project will replace old and outdated equipment in the vault. SEJPA will commence design on the vault rehabilitation project and implement the recommended solution in FY 2023-24. In FY 2022-23, SEJPA received \$150,000 in capital cash for this project and a second installment of \$50,000 is budgeted for FY 2023-24.



## CARDIFF SANITARY DIVISION PUMP STATIONS APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Olivenhain Inlet Gate Replacement	\$ -	\$ -	\$ -	\$ -	\$ 75,000
Cardiff/Olivenhain Force Mains	170,000	-	-	-	-
Total Capital Expense	<u>\$ 170,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 75,000</u>

### OLIVENHAIN PUMP STATION INLET GATE REPLACEMENT

The wet well inlet gate to the Olivenhain Pump Station is inoperable and needs to be replaced. This gate is critical for isolating flow to allow SEJPA and City of Encinitas staff to safely maintain and clean the wet well structure. In particular, high sediment and rock loads carried from the tributary collection systems to this pump station requires regular cleaning. The gate replacement will require temporary upstream diversion and special construction methods to safely access and work within the confined space. SEJPA will prepare a small project bid solicitation to retain a contractor to support the installation of the inlet gate. SEJPA is budgeting \$75,000 for this gate replacement project in FY 2023-24.

## ENCINITAS SANITARY DIVISION PUMP STATION PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Moonlight Beach Pump Station Rehabilitation	\$ -	\$ 375,000	\$ 1,125,000	\$ 1,125,000	\$ 600,000
Total Capital Expense	<u>\$ -</u>	<u>\$ 375,000</u>	<u>\$ 1,125,000</u>	<u>\$ 1,125,000</u>	<u>\$ 600,000</u>

### MOONLIGHT BEACH PUMP STATION REHABILITATION

#### PHASE 4 - MOONLIGHT BEACH PUMP STATION REHABILITATION

The Moonlight Beach Pump Station was originally constructed in 1974 and underwent significant renovation in 2006. It is located on the southeast corner of the intersection of 3rd Street and B Street in the City of Encinitas. A pump/grinder replacement evaluation for this pump station was conducted and the findings are detailed in the September 2019 Moonlight Beach Pump Station, Pump Replacement Evaluation. Design of this project began in FY 2021-22 with the initial \$375,000 payment from the City of Encinitas. As the design progressed, additional issues not anticipated in the initial 2019 report have been identified and incorporated into the project. Most recently, safety concerns with the access to the wet well have been identified and SEJPA is in the process of incorporating safety improvements into the final design. Also, heavy rain patterns experienced in January/February 2023 exposed a flooding potential at the site that should be resolved through this Capital Program. SEJPA is carefully monitoring the impact of inflation on construction cost trends and conferring with engineers and contractors. The cost for this Project is now budgeted at \$2.1 million, including project delivery costs (estimated at \$0.1 million), of which the City of Encinitas has funded \$1.5 million over the past three years. The unfunded amount of \$0.6 million is budgeted for FY 2023-24. The project is funded solely by the City of Encinitas and is included in the revenues collected from the City.

## CITY OF SOLANA BEACH PUMP STATIONS PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Solana Beach Sewer Force Main Relocation	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Total Capital Expense	\$ 25,000	\$ -	\$ -	\$ -	\$ -

SEJPA is not anticipating any capital improvements in the Solana Beach Sanitation Division, Pump Station Program for FY 2023-24.

## RECYCLED WATER PROJECT APPROPRIATION DETAIL

Capital Project	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
Treatment, Conveyance and Storage	\$ 280,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -
Biological Treatment Improvements (NDN & CCT)	-	-	-	-	525,000
Stormwater Capture and Reuse	-	-	-	-	350,000
RW Valve Replacement (part of Wanket project)	-	-	-	-	460,000
Wanket Tank Refurbishment & Pipeline	-	-	-	-	2,990,000
Pump Services	-	-	-	-	125,000
Total Capital Expense	\$ 280,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 4,450,000

Working collaboratively with its water district partners, SEJPA plans and constructs improvements to the recycled water infrastructure to maintain service reliability, improve operational efficiency, and enhance service capabilities. Capital projects include treatment system enhancements, valve maintenance and replacements, refurbishment of existing storage tanks or the construction of new storage, replacing existing distribution system pumps and motors, stormwater recycling, and ongoing system asset management. Over the past year, SEJPA staff and its Board have reached consensus on priority Capital Projects totaling \$18.3 million, of which \$12.7 million is attributed to the Recycled Water Program. Significant grant funding, on the order of \$5.8 million, will reduce the burden on the Recycled Water Program. SEJPA's funding strategy includes a private placement loan of up to \$10 million to smooth cashflow requirements. The Wastewater Program will reimburse the Recycled Water Program for its share of the NDN conversion and stormwater site improvements across the Water Campus through four annual installments of \$875,000 per year (total of \$3.5 million), starting in FY 2023-24.

The following Treatment, Conveyance, and Storage projects have been identified as Phase 4 projects:

### WANKET TANK REFURBISHMENT, PIPELINE, AND RW VALVE REPLACEMENT

This project will convert the Wanket Tank, an existing 3-million-gallon pre-stressed concrete potable water tank that has been out of service for about a decade, into a recycled water storage tank. The Wanket Tank, constructed in 1975, is jointly owned by Olivenhain Municipal Water District (OMWD) and San Dieguito Water District (SDWD) and is no longer used for potable water service. Wanket Tank is located on a 1.67-acre site approximately 1,000 ft east of the nearest existing SEJPA recycled water line in Quail Gardens Drive. The project will include rehabilitating the concrete reservoir, disconnecting the tank from potable water pipelines, constructing a new recycled water

pipeline to connect the tank to the existing recycled water system in Quail Gardens Drive, and ancillary improvements. This project will substantially increase recycled water storage, improving service reliability, operational efficiency, and water pressure for customers. To leverage constructability and economy of scale, this Capital Project will also replace aging system distribution valves that are at the end of their service life. SEJPA is carefully monitoring impacts of inflation on construction cost trends and conferring with engineers and contractors. The cost for this project is now budgeted at \$3.4 million, plus project delivery costs (estimated at \$0.11 million), and has qualified for approximately \$1.6 million in state and federal grant funding. The remaining project cost of approximately \$1.9 million is proposed to be funded by the Recycled Water Fund.

## STORMWATER CAPTURE AND REUSE

The SEJPA Stormwater Capture and Reuse project is intended to reduce pollution to the San Elijo Lagoon and Pacific Ocean and capture stormwater to augment water supply to the recycled water system. The project will also improve site drainage to manage runoff and align with industrial stormwater permit requirements. The project is envisioned to include stormwater interceptor, desilting basins, up to two pump stations and other ancillary equipment to capture and recycle approximately 7 million gallons per year. The project budget is \$2.0 million, plus project delivery support costs and is expected to be funded primarily by grant funding, estimated at up to \$1.4 million. This project includes elements not completed with the Water Campus Improvement project and will be designed and constructed over the next two years.

The cost of this Project, which benefits the entire Water Campus, will be shared between the Recycled Water Program and Wastewater Program. The Recycled Water Program portion is \$0.35 million (net of grant funding). The Wastewater Program will reimburse the Recycled Water Program for its share of the Stormwater improvements through capital cash transfers starting in FY 2023-24.

## BIOLOGICAL TREATMENT IMPROVEMENTS (NDN & CCT)

The Biological Treatment Improvements Project consists of two main components: (1) converting the secondary treatment system to a more robust nitrification/denitrification (NDN) process to remove nutrients, and (2) retrofit and rerating of the chlorine contact tank (CCT). The Recycled Water Program will share the cost of the NDN upgrades with the Wastewater Program, as this improvement will produce more reliable and higher quality effluent that benefits both wastewater treatment/disposal and recycled water production. The second component, retrofitting and rerating the CCT, will be borne solely by the Recycled Water Program. The improved biological treatment will allow the secondary process to better handle variable wastewater strength and hydraulic loading, providing more consistent water quality to the tertiary process which will allow the sand and membrane filters to operate more efficiently, and utilize less chemicals. The longer solids retention time utilized in the NDN process will be less susceptible to process upsets and will yield fewer colloidal particles that are believed to be contributing to occasional coliform breakthrough in the sand filters. Furthermore, with a fully nitrified effluent (no residual ammonia), the CCT can be rerated using free chlorine which will allow the tank to be rerated from 3 mgd to 4 mgd and it will also allow a portion of the existing structure volume to be repurposed for onsite storage, which will alleviate operational challenges on the recycled water pump station. The total project is estimated to cost \$10 million, plus project delivery support services (estimated at \$0.5 million), and SEJPA anticipates this project being eligible for a federal grant on the order of \$2.5 million. The Recycled Water Program's share of the overall project is budgeted at \$7.4 million. The Wastewater Program will reimburse the Recycled Water Program for its share of the NDN improvements through capital cash transfers starting in FY 2023-24.

# DEBT SERVICE

## WASTEWATER TREATMENT DEBT SERVICE

### 2011 REFUNDING BONDS

In FY 2020-21, SEJPA and its member agencies made the final payments on refinanced 2003 Revenue Bonds and a California Energy Commission Loan.

### 2017 REVENUE BONDS

SEJPA issued revenue bonds in July 2017 to fund a series of wastewater, ocean outfall, and recycled water projects. The bond included a face value of \$22.115 million, plus a premium less expense of \$1.797 million netting \$23.912 received with a true interest cost of 3.39% over 30 years. The FY 2023-24 payments will include both interest and principal: \$424,088 interest and \$245,000 principal for each Member Agency. The estimated balance as of June 30, 2023 will be \$20,295,000. The scheduled payoff date is March 2047.

### SAN DIEGO GAS & ELECTRIC ON BILL FINANCING

In July 2017, SEJPA and San Diego Gas & Electric (SDG&E) entered into an On-Bill Financing Loan Agreement to fund the Blower Replacement Project. This project replaced three 125-hp multi-stage centrifugal blowers that were installed in 1991 with substantially more efficient turbo blowers. This replacement project resulted in a \$533,883 loan from SDG&E with 120 monthly payments at \$4,449 with no interest. The resulting annual cost savings from the installation of more energy efficient equipment roughly equals the annual finance expense. The estimated balance as of June 30, 2023 will be \$160,165. The scheduled payoff date is July 2027.



### ENCOURAGING INNOVATION

SEJPA supports efficiency and innovation. Solar power provides electricity at the Water Campus. Visitors can charge electric vehicles at public charging stations. Our policies protect the environment and advance the goals of climate action plans.

## *RECYCLED WATER DEBT SERVICE*

### STATE REVOLVING FUND (SRF) LOAN

In March 1998, SEJPA entered into an agreement with the State Water Resources Control Board to fund the original Recycled Water Project. The \$12.6 million loan provided funding to construct the water recycling equipment and distribution piping system at a fixed interest rate of 2.5% for a term of 20 years. Annual payments of \$834,675 began in August 2001 and will continue through August 2020. In FY 2020-21, SEJPA made the final payment.

### RECYCLED WATER CIP (PHASE 4)

SEJPA has planned to solicit for a private placement loan in an amount of up to \$10,000,000 to fund the Phase 4 capital program projects. Terms of the loan, subject to competitive process, are anticipated to be a fixed interest rate for a term of 20 years with annual payments estimated at approximately \$800,000. Debt service on the loan will be paid through recycled water fund.

### ADVANCED WATER PURIFICATION FACILITY LOAN

In November 2011, SEJPA received a private placement loan for the construction of the Advanced Water Purification Facility in the amount of \$2 million at a fixed interest rate of 4.15%. Annual payments of \$148,153 began in 2011 and will continue for 20 years until 2031. The outstanding principal balance at June 30, 2023 is estimated to be \$1,052,086.

### SFID PIPELINE LOAN

In 2013, SEJPA entered into an agreement with the Santa Fe Irrigation District to purchase a recycled water distribution pipeline for \$526,149 with an initial down payment of \$50,000 and annual interest between 1.0% and 2.5% based on the Local Agency Investment Fund (LAIF) rate. The repayment schedule is \$450 per acre foot of water delivered through the pipeline. The outstanding principal balance as of June 30, 2023 is estimated to be \$353,956 based on 90 acre-feet delivered through the pipeline in FY 2022-23.

### SOLANA BEACH PIPELINE LOAN

In 2020, SEJPA entered into an agreement with the City of Solana Beach to purchase a recycled water distribution pipeline for \$1,191,652 with no annual interest and \$478,319 of the reimbursement through water sales. Other sources of funds for reimbursement will be a combination of actual cash value of services to be provided by SEJPA and actual grants received. In FY 2022-23, \$600,000 of grant funding was reimbursed. The repayment schedule is \$450 per acre foot of water delivered through the pipeline. The outstanding principal balance is estimated to be \$431,634 based on 23 acre-feet delivered through the pipeline in FY 2022-23.



## DEBT SERVICE SUMMARY

	Actual 2020-21	Actual 2021-22	Estimated Actual 2022-23	Adopted Budget 2022-23	Recommended Budget 2023-24
<b>Wastewater Debt Service</b>					
2011 Refunding Bonds					
Principal	\$ 120,000	\$ -	\$ -	\$ -	\$ -
Interest	3,420	-	-	-	-
Total Debt Service	<u>\$ 123,420</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
2017 Revenue Bonds					
Principal	\$ 450,000	\$ 460,000	\$ 475,000	\$ 475,000	\$ 490,000
Interest	889,725	876,225	862,425	862,425	848,175
Total Debt Service	<u>\$ 1,339,725</u>	<u>\$ 1,336,225</u>	<u>\$ 1,337,425</u>	<u>\$ 1,337,425</u>	<u>\$ 1,338,175</u>
San Diego Gas & Electric					
Principal	\$ 53,388	\$ 53,388	\$ 53,388	\$ 53,388	\$ 53,388
Interest	-	-	-	-	-
Total On Bill Financing	<u>\$ 53,388</u>	<u>\$ 53,388</u>	<u>\$ 53,388</u>	<u>\$ 53,388</u>	<u>\$ 53,388</u>
Total Wastewater Debt Service					
Principal	\$ 623,388	\$ 513,388	\$ 528,388	\$ 528,388	\$ 543,388
Interest	893,145	876,225	862,425	862,425	848,175
Total Debt Service	<u>\$ 1,516,533</u>	<u>\$ 1,389,613</u>	<u>\$ 1,390,813</u>	<u>\$ 1,390,813</u>	<u>\$ 1,391,563</u>
<b>Recycled Water Debt Service</b>					
State Revolving Fund					
Principal	\$ 814,318	\$ -	\$ -	\$ -	\$ -
Interest	20,358	-	-	-	-
Total Debt Service	<u>\$ 834,676</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Recycled Water CIP (Phase 4)* <i>New!</i>					
Principal	\$ -	\$ -	\$ -	\$ -	\$ 570,000
Interest	-	-	-	-	230,000
Total Debt Service	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 800,000</u>
Advanced Water Purification					
Principal	\$ 93,336	\$ 97,249	\$ 101,327	\$ 101,327	\$ 105,576
Interest	54,817	50,904	46,826	46,826	42,577
Total Debt Service	<u>\$ 148,153</u>	<u>\$ 148,153</u>	<u>\$ 148,153</u>	<u>\$ 148,153</u>	<u>\$ 148,153</u>
SFID Pipeline Loan					
Principal	\$ 10,643	\$ 21,053	\$ 40,500	\$ 32,500	\$ 40,500
Interest	7,395	4,093	5,000	5,000	4,000
Total Debt Service	<u>\$ 18,038</u>	<u>\$ 25,146</u>	<u>\$ 45,500</u>	<u>\$ 37,500</u>	<u>\$ 44,500</u>
Solana Beach Pipeline Loan					
Principal	\$ 36,135	\$ 9,630	\$ 10,350	\$ 11,250	\$ 10,350
Interest	-	-	-	-	-
Total Debt Service	<u>\$ 36,135</u>	<u>\$ 9,630</u>	<u>\$ 10,350</u>	<u>\$ 11,250</u>	<u>\$ 10,350</u>
Total Water Reclamation Debt Service					
Principal	\$ 954,432	\$ 127,932	\$ 152,177	\$ 145,077	\$ 726,426
Interest	82,571	54,997	51,826	51,826	276,577
Total Debt Service	<u>\$ 1,037,003</u>	<u>\$ 182,929</u>	<u>\$ 204,003</u>	<u>\$ 196,903</u>	<u>\$ 1,003,003</u>
<b>Total Debt Service</b>					
Total All Debt Service					
Principal	\$ 1,577,820	\$ 641,320	\$ 680,565	\$ 673,465	\$ 1,269,814
Interest	975,716	931,222	914,251	914,251	1,124,752
Total Debt Service	<u>\$ 2,553,536</u>	<u>\$ 1,572,542</u>	<u>\$ 1,594,816</u>	<u>\$ 1,587,716</u>	<u>\$ 2,394,566</u>

\* Estimated debt service anticipated to be issued in May 2023.

# CLASSIFICATION AND SALARY SCHEDULE

SAN ELIJO JOINT POWERS AUTHORITY  
FY 2023-24 CLASSIFICATION AND SALARY SCHEDULE  
As of July 1, 2023

Position	Base Salary*			
	Monthly		Annual	
	Minimum	Maximum	Minimum	Maximum
<b>Accounting Series</b>				
Accounting Technician I	\$3,798	\$5,596	\$45,574	\$67,153
Accounting Technician II	4,396	6,477	52,748	77,724
Accounting Technician III	5,087	7,871	61,051	94,456
<b>Administrative Series</b>				
Administrative Assistant I	2,815	4,207	33,785	50,480
Administrative Assistant II	3,776	5,723	45,317	68,682
Administrative Assistant III	4,540	6,509	54,489	78,119
Administrative Coordinator	6,092	8,917	73,094	107,002
Director of Operations	11,672	17,715	140,071	212,583
Director of Finance/Administration	11,672	17,715	140,071	212,583
<b>Financial / Management Analyst Series</b>				
Analyst-In-Training	3,781	6,223	45,370	74,674
Analyst I	5,207	7,403	62,487	88,839
Analyst II	5,724	8,138	68,687	97,653
Analyst III	6,189	9,239	74,271	110,871
General Manager (Board Approved Contract)	20,311	21,548	243,737	258,581
<b>Laboratory Series</b>				
Laboratory Assistant	2,990	4,177	35,880	50,128
Laboratory Analyst I	4,642	6,840	55,709	82,085
Laboratory Analyst II	5,555	8,185	66,659	98,220
Senior Laboratory Analyst	7,169	9,740	86,018	116,883
Laboratory Manager	7,681	12,912	92,166	154,945
<b>Mechanic Series</b>				
Mechanic-In-Training	3,781	6,223	45,370	74,674
Mechanic I	4,726	7,062	56,711	84,739
Mechanic II	5,464	8,164	65,568	97,973
Lead Mechanic	5,911	9,494	70,929	113,931
Mechanical Systems Manager	8,230	12,912	98,759	154,945
<b>Systems Integration Series</b>				
Systems Integration Technician-In-Training	3,781	6,223	45,370	74,674
Systems Integration Technician I	4,808	7,184	57,699	86,216
Systems Integration Technician II	5,596	8,655	67,159	103,862
SCADA Manager	8,703	14,596	104,430	175,146
<b>Wastewater Treatment Operator Series</b>				
Operator-In-Training	3,781	6,223	45,370	74,674
Operator I	4,755	7,055	57,054	84,655
Operator II	5,721	8,489	68,659	101,875
Lead Operator	6,519	9,741	78,223	116,883
Chief Plant Operator	8,230	12,912	98,759	154,945
<b>Recycled Water Distribution Series</b>				
Recycled Water Specialist	5,968	8,917	71,610	107,002
Recycled Water Supervisor	6,519	9,741	78,223	116,883
Intern (All Departments)	2,947	4,174	35,360	50,096

\* Base salary minimum and maximum are based on full-time employment. Intern positions are generally part-time.

# ORGANIZATIONAL CHART

